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EUROPEAN CROSSWIND FREQUENCIES

by

TSgt Gary H. Tryon

FEBRUARY 1989



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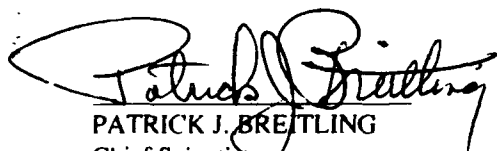
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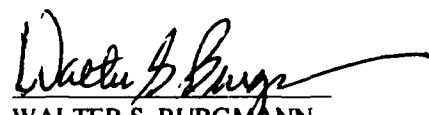
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SUMMARY

This report was prepared for the 2nd Weather Wing under USAFETAC Project Number 80402. It provides "percent frequency of occurrence" tables for crosswinds greater than or equal to 10, 15, 20 and 25 knots, as well as in combination with rain, snow, and below-freezing temperatures, for 39 selected bases in Europe.

Sixteen "percent-frequency-of-occurrence" tables are provided for each location. A "number of actual cases" table accompanies each 16-table set. There is a table for each crosswind threshold greater than or equal to 10, 15, 20 and 25 knots, and a table for each combination of a crosswind threshold and either rain, snow, or temperature below freezing.

An occurrence of "rain" was counted as any hourly report of liquid precipitation, to include rain-snow combinations. In counting the occurrence of 'snow', all frozen and freezing precipitation types, (but not combinations) were included. When a change in the number of cases occurred, a table showing the number of cases was included to reflect that change. A "case" constitutes one hourly observation that meets the specified criterion.

A few limitations must be considered before using this study: First, only hourly observations were used in the statistics; off-hourly observations were not considered, but could have had crosswind components that met the criteria. Second is the 'Number of Cases Used' for each calculation. Among the reasons for tables with low number counts are the "limited duty" stations that report less than 24 hours a day. Another is the fact that synoptic sites only report every 3 hours. When the number of cases used for a specific hour and month is zero, the corresponding percent occurrence frequency value is indicated in the table by an asterisk (*). Another factor that only *seems* to be a limitation appears when crosswinds and rain, snow, or temperature are evaluated together. The reason that these tables have a very low number count is due to the way in which they were developed; that is, the number of cases is the actual number of observations by which the crosswind component was greater than the indicated threshold for that table. With an increase in the crosswind threshold, the fewer the number of cases.

This project would not have been possible without the help, knowledge, and expertise of others, including Maj Joanne Moore and SSgt Dennis Murphy of USAFETAC's Operational Applications Section. They spent many hours editing, reformatting, and quality-controlling these tables. Thanks for your hard work and support.

Abbreviations and symbols used:

AAF	Army airfield	GTE	Greater than or equal to
AB	Air base	KTS	Knots
AHP	Army helicopter port	LTE	Less than or equal to
AI	Army installation	RAF	Royal Air Force
ANN	Annual	WMO	World Meteorological Organization
C	Celsius	(Z)	Zulu time
FRG	Federal Republic of Germany	*	No observation meets specified criteria

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AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

TABLE 1-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	14	12	6	3	1	0	0	1	0	2	8	10	5
01	*	*	0	*	0	0	0	0	*	0	0	*	0
02	*	*	*	*	*	*	0	0	*	0	*	*	0
03	14	10	6	4	1	0	0	0	0	1	8	12	5
04	100	33	0	*	*	*	0	0	*	0	*	0	18
05	*	*	*	*	*	0	0	0	*	0	*	0	0
06	15	12	11	6	4	2	1	0	0	2	11	15	7
07	*	*	*	*	*	0	0	0	*	*	*	*	0
08	*	*	*	*	*	*	0	0	*	*	*	*	0
09	19	16	13	16	15	16	14	15	6	5	13	16	14
10	*	*	*	*	*	0	*	*	0	*	0	*	0
11	*	*	*	*	0	0	0	*	0	*	*	0	0
12	16	18	15	23	18	29	30	25	14	10	9	15	19
13	0	*	*	*	*	*	0	0	*	*	*	*	0
14	0	*	*	0	*	*	0	0	*	*	*	*	0
15	14	15	7	14	13	22	23	23	9	2	7	13	14
16	*	*	*	*	*	*	0	*	*	*	*	*	0
17	*	*	*	*	*	*	0	0	*	0	*	*	0
18	15	11	6	2	1	4	6	2	0	2	8	13	6
19	*	0	*	*	*	*	0	0	*	*	*	*	0
20	*	*	*	*	*	*	0	0	*	*	*	*	0
21	16	10	6	4	1	1	1	0	0	2	8	11	5
22	0	*	*	*	*	*	0	0	*	*	*	*	0
23	*	*	*	*	0	*	0	0	*	*	*	*	0
ALL	15	13	9	9	7	9	9	8	4	3	9	13	9

TABLE 1-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	3	2	1	0	0	0	0	0	0	1	3	1
01	*	*	0	*	0	0	0	0	*	0	0	*	0
02	*	*	*	*	*	*	0	0	*	0	*	*	0
03	5	3	2	1	0	0	0	0	0	0	2	4	1
04	100	33	0	*	*	*	0	0	*	0	*	0	18
05	*	*	*	*	*	0	0	0	*	0	*	0	0
06	4	5	4	2	0	0	0	0	0	0	3	5	2
07	*	*	*	*	*	0	0	0	*	*	*	*	0
08	*	*	*	*	*	*	0	0	*	*	*	*	0
09	4	4	3	1	1	0	0	0	0	0	2	5	2
10	*	*	*	*	*	0	*	*	0	*	0	*	0
11	*	*	*	*	0	0	0	*	0	*	*	0	0
12	3	2	1	2	1	2	1	1	0	0	1	6	2
13	0	*	*	*	*	*	0	0	*	*	*	*	0
14	0	*	*	0	*	*	0	0	*	*	*	*	0
15	4	3	1	1	0	1	1	0	0	0	2	6	2
16	*	*	*	*	*	*	0	*	*	*	*	*	0
17	*	*	*	*	*	*	0	0	*	0	*	*	0
18	3	4	1	1	0	0	0	0	0	0	2	4	1
19	*	0	*	*	*	*	0	0	*	*	*	*	0
20	*	*	*	*	*	*	0	0	*	*	*	*	0
21	4	3	1	0	0	0	0	0	0	0	2	3	1
22	0	*	*	*	*	*	0	0	*	*	*	*	0
23	*	*	*	*	0	*	0	0	*	*	*	*	0
ALL	4	4	2	1	0	0	0	0	0	0	2	5	1

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

TABLE 1-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	0	0	0	0	0	0	0	0	0	0	0
01	*	*	0	*	0	0	0	0	*	0	0	*	0
02	*	*	*	*	*	*	0	0	*	0	*	*	0
03	0	2	0	0	0	0	0	0	0	0	0	1	0
04	100	0	0	*	*	*	0	0	*	0	*	0	9
05	*	*	*	*	*	0	0	0	*	0	*	0	0
06	0	2	0	1	0	0	0	0	0	0	0	1	0
07	*	*	*	*	*	0	0	0	*	*	*	*	0
08	*	*	*	*	*	*	0	0	*	*	*	*	0
09	0	2	0	0	0	0	0	0	0	0	0	2	0
10	*	*	*	*	*	0	*	*	0	*	0	*	0
11	*	*	*	*	0	0	0	*	0	*	*	0	0
12	0	1	0	0	0	0	0	0	0	0	0	1	0
13	0	*	*	*	*	*	0	0	*	*	*	*	0
14	0	*	*	0	*	*	0	0	*	*	*	*	0
15	1	1	0	1	0	0	0	0	0	0	1	2	0
16	*	*	*	*	*	*	0	*	*	*	*	*	0
17	*	*	*	*	*	*	0	0	*	0	*	*	0
18	0	1	0	0	0	0	0	0	0	0	1	1	0
19	*	0	*	*	*	*	0	0	*	*	*	*	0
20	*	*	*	*	*	*	0	0	*	*	*	*	0
21	0	2	0	0	0	0	0	0	0	0	0	1	0
22	0	*	*	*	*	*	0	0	*	*	*	*	0
23	*	*	*	*	0	*	0	0	*	*	*	*	0
ALL	1	1	0	0	0	0	0	0	0	0	0	1	0

TABLE 1-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	0	0	0	0	0	0	0	0
01	*	*	0	*	0	0	0	0	*	0	0	*	0
02	*	*	*	*	*	*	0	0	*	0	*	*	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	*	*	*	0	0	*	0	*	0	0
05	*	*	*	*	*	0	0	0	*	0	*	0	0
06	0	0	0	0	0	0	0	0	0	0	0	1	0
07	*	*	*	*	*	0	0	0	*	*	*	*	0
08	*	*	*	*	*	*	0	0	*	*	*	*	0
09	0	1	0	0	0	0	0	0	0	0	0	0	0
10	*	*	*	*	*	0	*	*	0	*	0	*	0
11	*	*	*	*	0	0	0	*	0	*	*	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	*	*	*	*	*	0	0	*	*	*	*	0
14	0	*	*	0	*	*	0	0	*	*	*	*	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	*	*	*	*	*	*	0	*	*	*	*	*	0
17	*	*	*	*	*	*	0	0	*	0	*	*	0
18	0	0	0	0	0	0	0	0	0	0	1	0	0
19	*	0	*	*	*	*	0	0	*	*	*	*	0
20	*	*	*	*	*	*	0	0	*	*	*	*	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	*	*	*	*	*	0	0	*	*	*	*	0
23	*	*	*	*	0	*	0	0	*	*	*	*	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS IN TABLES 1-1 THRU 1-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	397	381	414	389	419	409	423	420	406	426	402	391	4877
01	0	0	1	0	1	2	4	2	0	2	1	0	13
02	0	0	0	0	0	0	1	3	0	1	0	0	5
03	373	363	412	385	419	411	420	414	402	411	382	394	4786
04	1	3	1	0	0	0	2	2	0	1	0	1	11
05	0	0	0	0	0	1	2	3	0	1	0	2	9
06	417	378	427	395	426	409	415	418	406	415	405	421	4932
07	0	0	0	0	0	1	2	1	0	0	0	0	4
08	0	0	0	0	0	0	3	1	0	0	0	0	4
09	415	381	421	385	414	407	420	421	407	412	403	413	4899
10	0	0	0	0	0	1	0	0	1	0	2	0	4
11	0	0	0	0	1	1	2	0	1	0	0	2	7
12	415	383	426	395	422	414	423	425	403	425	403	416	4950
13	1	0	0	0	0	0	3	2	0	0	0	0	6
14	1	0	0	1	0	0	1	2	0	0	0	0	5
15	400	377	411	384	414	407	416	414	400	414	390	387	4814
16	0	0	0	0	0	0	1	0	0	0	0	0	1
17	0	0	0	0	0	0	3	2	0	1	0	0	6
18	402	375	423	393	424	403	422	403	399	410	393	403	4850
19	0	1	0	0	0	0	1	2	0	0	0	0	4
20	0	0	0	0	0	0	1	3	0	0	0	0	4
21	378	372	411	386	415	400	409	407	405	403	390	384	4760
22	1	0	0	0	0	0	2	3	0	0	0	0	6
23	0	0	0	0	1	0	4	1	0	0	0	0	6
		3014		3113		3266		3349		3322		3214	
ALL	3201		3347		3356		3380		3230		3171		38963

TABLE 1-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	15	15	9	8	0	*	*	0	*	13	7	6	11
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	15	15	10	0	0	*	0	*	*	0	15	14	12
04	0	0	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	9	12	11	0	0	0	0	0	0	0	15	5	8
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	12	9	10	0	5	0	0	0	0	5	11	8	5
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	6	8	2	2	0	0	0	0	0	0	3	16	3
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	9	11	7	0	0	0	0	0	0	13	8	19	4
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	10	13	9	13	0	0	0	0	0	14	7	11	8
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	13	17	14	7	33	0	0	0	*	17	0	15	12
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	11	12	8	2	2	0	0	0	0	5	9	12	6

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

TABLE 1-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	*	0	*	0	0	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	0	0	0	0	0	*	0	*	*	0	0	0	0
04	0	0	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	0	0	0	0	0	0	0	*	0	0	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 1-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	*	0	*	0	0	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	0	0	0	0	0	*	0	*	*	0	0	0	0
04	0	0	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	2	0	0	0	0	0	0	0	0	0	0	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	0	0	0	0	0	0	50	*	0	0	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 1-5 THRU 1-7

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	52	41	22	12	3	0	0	3	0	8	28	36	205
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	47	33	21	11	4	0	2	0	0	6	27	42	193
04	1	1	0	0	0	0	0	0	0	0	0	0	2
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	56	42	45	22	14	8	3	2	1	8	41	58	300
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	74	57	52	53	55	55	58	62	25	19	46	61	617
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	65	63	62	89	67	111	127	103	50	37	33	58	865
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	53	53	27	49	53	79	95	97	32	8	24	47	617
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	59	39	23	8	5	14	25	7	1	7	28	46	262
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	53	36	22	14	3	3	6	2	0	6	27	40	212
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	460	365	274	258	204	270	316	276	109	99	254	388	3273

TABLE 1-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	28	36	0	33	*	*	*	0	*	0	0	9	20
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	25	17	14	0	0	*	0	*	*	*	0	0	12
04	0	0	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	13	12	7	0	*	*	*	*	*	0	30	5	10
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	7	0	0	0	25	*	*	0	*	50	50	21	14
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	7	0	0	14	0	0	0	0	*	0	0	36	13
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	14	36	0	0	0	0	0	0	*	*	0	22	15
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	21	0	0	0	0	*	*	0	*	*	17	19	13
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	7	20	33	0	*	*	0	*	*	*	0	17	13
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	16	14	6	8	9	0	0	0	*	17	16	18	14

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

TABLE 1-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	*	*	0	*	0	0	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	0	0	0	0	0	*	0	*	*	*	0	0	0
04	0	0	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	0	0	0	*	*	*	*	*	0	0	0	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	0	0	0	0	0	*	*	0	*	0	0	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	0	0	0	0	0	0	0	0	*	0	0	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	0	0	0	0	0	0	0	0	*	*	0	0	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	0	0	0	0	0	*	*	0	*	*	0	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	0	0	0	*	*	0	*	*	*	0	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	0	0	0	*	0	0	0	0

TABLE 1-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	*	*	0	*	0	0	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	0	0	0	0	0	*	0	*	*	*	0	0	0
04	0	0	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	0	0	0	*	*	*	*	*	0	0	0	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	0	0	0	0	0	*	*	0	*	0	0	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	0	0	0	0	0	0	0	0	*	0	0	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	0	0	0	0	0	0	0	0	*	*	0	0	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	0	0	0	0	0	*	*	0	*	*	0	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	0	0	0	*	*	0	*	*	*	0	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	0	0	0	*	0	0	0	0

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 1-8 THRU 1-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	18	11	6	3	0	0	0	2	0	1	2	11	54
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	16	12	7	1	1	0	1	0	0	0	6	13	57
04	1	1	0	0	0	0	0	0	0	0	0	0	2
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	15	17	15	7	0	0	0	0	0	1	10	21	86
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	15	14	10	2	4	0	0	1	0	2	6	19	73
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	14	9	3	7	4	6	3	4	0	2	3	22	77
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	14	11	6	3	1	3	3	2	0	0	6	23	72
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	14	13	3	2	1	0	0	1	0	0	6	16	56
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	14	10	3	1	0	0	1	0	0	0	5	12	46
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	121	98	53	26	11	9	8	10	0	6	44	137	523

TABLE 1-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	33	*	*	*	*	*	0	*	*	0	0	17
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	0	17	0	*	0	*	0	*	*	*	*	0	8
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	17	0	0	*	*	*	*	*	*	0	0	5
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	0	0	*	*	*	*	*	*	*	*	*	38	20
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	0	0	*	*	*	*	*	*	*	*	0	33	15
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	33	50	0	0	0	0	0	*	*	*	0	14	15
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	50	0	0	*	0	*	*	0	*	*	0	25	12
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	40	0	*	*	*	0	*	*	*	*	33	27
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	17	17	0	0	0	0	0	0	*	*	0	22	14

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

TABLE 1-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	*	*	*	0	*	*	0	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	0	0	0	*	0	*	0	*	*	*	*	0	0
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	0	0	0	*	*	*	*	*	*	0	0	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	0	0	*	*	*	*	*	*	*	*	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	0	0	*	*	*	*	*	*	*	*	0	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	0	0	0	0	0	0	0	*	*	*	0	0	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	0	0	0	*	0	*	*	0	*	*	0	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	0	0	*	*	*	0	*	*	*	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	0	0	0	*	*	0	0	0

TABLE 1-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	*	*	*	0	*	*	0	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	0	0	0	*	0	*	0	*	*	*	*	0	0
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	0	0	0	*	*	*	*	*	*	0	0	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	0	0	*	*	*	*	*	*	*	*	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	0	0	*	*	*	*	*	*	*	*	0	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	0	0	0	0	0	0	0	*	*	*	0	0	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	0	0	0	*	0	*	*	0	*	*	0	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	0	0	*	*	*	0	*	*	*	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	0	0	0	*	*	0	0	0

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 1-11 THRU 1-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	3	0	0	0	0	0	2	0	0	1	1	12
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	1	6	2	0	1	0	1	0	0	0	0	2	13
04	1	0	0	0	0	0	0	0	0	0	0	0	1
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	2	6	1	2	0	0	0	0	0	0	2	6	19
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	1	6	0	0	0	0	0	0	0	0	0	8	15
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	2	4	0	0	0	0	0	0	0	0	1	6	13
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	3	2	1	1	1	1	1	0	0	0	3	7	20
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	2	4	2	0	1	0	0	1	0	0	3	4	17
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	5	1	0	0	0	1	0	0	0	0	3	11
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	18	36	7	3	3	1	3	3	0	0	10	37	121

TABLE 1-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	100	*	*	*	*	*	0	*	*	0	*	33
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	0	*	*	*	*	*	*	*	0
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	0	*	*	*	*	*	*	0	0	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	0	*	*	*	*	*	*	*	*	*	*	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	0	*	*	*	*	*	*	*	*	0	100	33
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	0	*	0	0	0	*	0	*	*	*	0	0	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	0	*	*	0	*	*	*	*	*	0	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	*	0	*	*	*	0	*	*	*	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	25	20	0	0	0	*	0	0	*	*	0	13	9

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

TABLE 1-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	*	*	*	0	*	*	0	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	0	*	*	*	*	*	*	*	0
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	0	*	*	*	*	*	*	0	0	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	0	*	*	*	*	*	*	*	*	*	*	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	0	*	*	*	*	*	*	*	*	0	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	0	*	0	0	0	*	0	*	*	*	0	0	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	0	*	*	0	*	*	*	*	*	0	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	*	0	*	*	*	0	*	*	*	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	*	0	0	*	*	0	0	0

TABLE 1-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	*	*	*	0	*	*	0	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	0	*	*	*	*	*	*	*	0
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	0	*	*	*	*	*	*	0	0	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	0	*	*	*	*	*	*	*	*	*	*	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	0	*	*	*	*	*	*	*	*	0	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	0	*	0	0	0	*	0	*	*	*	0	0	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	0	*	*	0	*	*	*	*	*	0	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	*	0	*	*	*	0	*	*	*	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	*	0	0	*	*	0	0	0

STATION: AKROTIRI, CYPRUS

WMO #: 176010

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 1-14 THRU 1-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	1	0	0	0	0	0	2	0	0	1	0	6
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	1	0	0	0	0	0	0	0	1
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	1	0	0	0	0	0	0	1	3	5
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	2	0	0	0	0	0	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	1	0	0	0	0	0	0	0	0	1	1	3
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	0	1	1	1	0	1	0	0	0	1	1	7
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	0	0	1	0	0	0	0	0	2	2	6
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	0	1	0	0	0	1	0	0	0	0	1	4
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	4	5	2	2	3	0	2	2	0	0	6	8	34

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

TABLE 2-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	21	14	11	13	11	4	2	3	8	10	15	21	11
01	23	16	13	12	11	4	2	4	7	8	13	21	11
02	20	15	14	12	9	4	3	4	8	8	15	22	11
03	19	14	17	10	10	3	4	4	8	11	17	23	12
04	20	15	15	10	8	5	3	5	6	12	19	22	12
05	21	14	16	10	9	4	4	3	9	12	18	20	12
06	22	15	18	10	13	6	5	4	8	12	17	22	13
07	20	14	18	17	17	9	6	8	11	13	18	22	14
08	21	14	21	25	26	11	11	11	15	13	19	20	17
09	22	18	27	29	26	13	11	14	18	16	23	22	20
10	23	20	32	29	26	13	12	15	23	23	24	23	22
11	27	22	36	29	26	15	13	15	24	26	28	26	24
12	27	24	35	30	28	16	13	15	24	28	29	30	25
13	29	23	34	30	26	17	14	19	24	28	31	30	25
14	27	24	38	32	26	19	16	18	23	25	27	28	25
15	23	24	37	33	25	17	16	20	25	22	24	25	24
16	21	20	33	32	27	17	15	20	20	19	20	21	22
17	20	17	29	28	28	17	16	20	17	15	18	19	20
18	21	15	24	26	24	15	11	17	13	12	17	19	18
19	20	14	21	19	18	12	9	13	8	12	18	19	15
20	21	15	18	17	13	7	5	7	9	12	18	21	13
21	20	16	18	14	12	5	4	7	11	12	18	21	13
22	23	15	16	12	12	5	4	5	9	12	19	22	13
23	20	12	16	13	13	5	4	4	9	13	17	22	13
ALL	22	17	24	21	19	10	9	11	15	16	20	23	17

TABLE 2-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	10	7	6	4	4	1	0	2	3	5	8	12	5
01	10	7	6	5	4	1	1	1	2	5	8	13	5
02	11	7	9	4	2	1	1	2	3	4	7	14	5
03	11	7	8	5	2	2	1	1	2	4	7	14	5
04	11	8	8	3	2	1	2	2	3	5	10	13	6
05	10	7	7	4	2	1	1	1	4	6	8	13	5
06	11	6	7	4	5	2	2	2	5	7	9	13	6
07	10	7	7	7	5	2	2	3	6	7	8	12	6
08	10	6	10	9	10	3	1	4	7	7	8	12	7
09	11	6	15	11	10	4	3	5	8	10	10	11	9
10	13	9	17	12	12	4	3	5	11	11	13	12	10
11	12	9	18	12	15	7	3	6	12	12	16	14	11
12	14	10	19	15	15	7	4	8	12	14	18	17	13
13	13	13	19	12	15	6	5	8	12	13	18	15	12
14	15	13	20	15	14	7	5	8	12	13	16	13	13
15	13	10	19	16	14	6	4	8	13	12	11	12	12
16	10	10	19	15	14	7	4	10	11	11	11	11	11
17	10	9	15	15	12	6	4	9	8	9	11	10	10
18	8	7	11	11	11	3	4	7	5	7	10	10	8
19	12	7	9	8	8	2	2	5	4	6	11	14	7
20	9	8	10	5	6	1	2	2	3	6	11	12	6
21	8	7	7	6	5	2	1	2	4	7	10	11	6
22	11	8	8	5	3	1	1	1	6	4	8	13	6
23	10	6	6	4	4	2	1	0	6	6	8	12	6
ALL	11	8	12	9	9	4	2	4	7	8	11	13	8

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

TABLE 2-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	3	2	1	1	0	0	0	1	1	2	7	2
01	5	2	2	1	0	0	0	0	0	1	3	8	2
02	6	3	2	1	0	0	0	0	1	1	3	8	2
03	6	3	2	2	0	0	0	1	1	2	3	7	2
04	4	3	4	2	0	0	0	0	0	1	3	7	2
05	6	4	3	2	1	0	0	0	1	3	2	7	2
06	5	3	2	2	0	0	0	0	1	2	4	7	2
07	6	4	3	2	1	1	0	0	1	3	3	6	2
08	5	3	5	2	4	1	0	1	3	4	3	5	3
09	6	3	6	6	3	1	1	1	2	4	5	6	4
10	5	3	7	4	5	1	0	1	2	6	6	6	4
11	5	4	8	5	6	3	1	1	3	4	8	7	5
12	5	5	9	6	6	2	0	2	3	5	9	8	5
13	5	5	7	5	7	2	1	4	4	5	10	8	5
14	6	6	6	6	7	2	1	3	5	5	7	5	5
15	6	4	8	7	6	2	1	3	5	5	5	5	5
16	4	4	8	7	6	3	1	4	4	3	4	5	4
17	4	4	5	6	4	1	1	3	4	4	4	4	4
18	3	3	5	4	4	1	0	1	2	4	3	5	3
19	4	4	3	3	2	0	1	0	2	3	4	6	3
20	5	3	3	1	2	0	0	1	2	2	5	6	2
21	4	3	3	1	1	0	1	1	2	3	4	6	2
22	5	3	2	2	0	0	0	0	1	2	3	7	2
23	5	2	3	1	0	0	0	0	1	2	4	6	2
ALL	5	3	5	4	3	1	0	1	2	3	5	6	3

TABLE 2-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	1	0	0	0	0	0	1	0	1	3	1
01	2	0	0	0	0	0	0	0	0	0	1	2	0
02	2	1	1	1	0	0	0	0	0	0	1	3	1
03	3	0	1	1	0	0	0	0	1	1	1	3	1
04	1	1	1	0	0	0	0	0	0	1	1	2	1
05	2	1	1	1	0	0	0	0	0	1	0	2	1
06	1	2	1	1	0	0	0	0	0	1	1	2	1
07	2	2	1	1	0	0	0	0	0	1	1	3	1
08	2	2	1	1	1	0	0	0	1	1	1	3	1
09	2	2	0	2	0	0	0	0	1	1	2	3	1
10	3	2	2	2	2	0	0	0	1	2	2	3	1
11	2	2	3	2	2	0	0	0	1	1	4	3	1
12	2	2	2	2	2	0	0	0	1	2	4	4	2
13	2	2	3	2	1	0	0	0	1	1	5	3	2
14	2	2	2	2	2	0	0	1	1	1	3	3	2
15	3	1	2	2	1	0	0	0	1	1	2	2	1
16	2	2	3	2	2	0	0	0	1	1	2	2	1
17	2	3	2	2	1	0	0	0	1	1	1	2	1
18	2	2	2	1	0	0	0	0	1	1	1	2	1
19	2	1	1	1	0	0	0	0	1	1	1	3	1
20	2	1	2	0	0	0	0	0	1	0	1	2	1
21	2	1	1	0	0	0	0	0	1	0	1	3	1
22	2	1	1	1	0	0	0	0	1	0	1	2	1
23	2	1	2	0	0	0	0	0	1	1	1	2	1
ALL	2	1	2	1	1	0	0	0	1	1	2	3	1

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 2-1 THRU 2-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	252	235	248	210	219	246	283	287	273	286	272	272	3083
01	252	235	248	211	220	246	283	295	276	286	272	271	3095
02	287	267	324	329	338	350	381	386	360	355	294	311	3982
03	371	340	383	333	339	350	383	387	373	385	362	370	4376
04	372	340	383	333	339	350	383	388	374	385	362	370	4379
05	373	341	389	351	355	364	403	407	393	400	362	372	4510
06	390	361	403	362	367	369	408	412	397	404	379	391	4643
07	399	369	409	363	366	369	408	413	391	392	378	398	4655
08	403	369	409	363	366	369	408	414	390	388	373	401	4653
09	403	370	409	363	365	370	407	413	399	403	383	400	4685
10	402	370	419	388	392	388	429	433	408	400	374	400	4803
11	426	393	433	388	393	388	429	434	410	404	393	424	4915
12	426	393	434	387	392	388	429	434	416	420	404	424	4947
13	429	392	434	385	393	388	429	434	410	405	393	425	4917
14	429	392	434	385	392	388	430	434	408	404	392	425	4913
15	429	392	434	385	391	388	430	434	416	421	401	425	4946
16	429	391	434	385	391	388	430	434	407	405	391	425	4910
17	429	392	426	353	357	365	404	409	391	384	393	425	4728
18	394	362	398	335	338	350	383	389	370	374	374	389	4456
19	374	341	382	333	337	350	384	388	362	366	349	370	4336
20	373	341	382	332	336	350	381	388	362	365	349	370	4329
21	373	341	382	332	336	350	381	387	362	365	349	369	4327
22	373	341	382	332	337	350	381	386	362	364	348	369	4325
23	373	341	342	212	220	245	285	288	273	298	348	369	3594
		8409		8150		8459		9474		9059		9165	
ALL	9161		9321		8279		9352		8983		8695		106507

TABLE 2-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	22	21	11	11	17	18	14	25	35	27	24	16	20
01	23	18	28	12	8	22	20	31	26	21	20	9	19
02	11	33	29	15	13	23	9	25	28	14	26	13	19
03	14	27	23	15	11	8	29	33	18	12	19	19	19
04	19	26	19	18	14	5	27	33	39	13	19	12	19
05	18	18	20	11	9	7	13	15	23	15	23	16	17
06	11	15	20	21	6	13	16	24	19	23	14	16	16
07	19	18	17	19	14	6	15	21	14	16	23	16	17
08	14	12	18	18	9	5	19	22	23	14	21	15	16
09	17	14	19	13	7	11	11	18	12	20	17	19	15
10	16	8	20	16	12	4	2	6	6	12	17	16	13
11	11	13	21	14	15	8	7	17	5	12	9	19	13
12	13	12	18	13	18	13	9	12	6	8	13	13	13
13	18	15	21	14	9	9	9	10	10	16	14	17	14
14	14	15	21	15	18	10	12	12	8	16	16	14	15
15	21	15	17	13	15	12	4	10	10	18	21	11	14
16	17	23	15	14	12	8	10	8	10	23	24	16	15
17	18	21	14	16	11	5	8	7	12	32	23	13	15
18	20	18	18	13	13	7	9	11	10	41	19	23	17
19	23	19	22	16	8	5	6	10	7	20	19	22	16
20	14	27	18	15	12	4	5	11	12	23	16	18	16
21	16	21	24	8	18	6	21	35	18	16	17	16	18
22	18	23	20	10	13	24	14	32	29	9	26	12	18
23	19	21	22	4	14	8	20	8	28	21	17	14	17
ALL	17	18	19	14	12	9	10	14	13	17	18	16	16

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

TABLE 2-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	3	0	7	0	0	0	0	0	0	0	0	1
01	4	5	0	8	0	0	0	0	0	0	0	0	2
02	2	5	2	3	0	0	0	0	0	0	0	1	1
03	4	6	2	0	0	0	0	0	0	0	0	1	2
04	1	10	4	0	0	0	0	0	0	0	0	1	2
05	3	6	2	0	0	0	0	0	0	0	0	0	1
06	4	6	6	3	0	0	0	0	0	0	0	0	2
07	0	10	4	2	0	0	0	0	0	0	0	0	1
08	5	6	6	0	0	0	0	0	0	0	0	0	2
09	2	8	4	1	0	0	0	0	0	0	1	0	2
10	4	7	2	0	0	0	0	0	0	0	0	0	1
11	4	8	1	0	0	0	0	0	0	0	0	3	1
12	3	3	1	0	0	0	0	0	0	0	0	2	1
13	2	5	2	1	0	0	0	0	0	0	0	3	1
14	4	5	1	1	0	0	0	0	0	0	0	1	1
15	6	4	1	1	0	0	0	0	0	0	0	3	1
16	5	5	1	1	0	0	0	0	0	0	0	0	1
17	2	7	2	0	0	0	0	0	0	0	0	1	1
18	6	5	2	0	0	0	0	0	0	0	0	0	1
19	5	6	1	3	0	0	0	0	0	0	0	0	2
20	3	6	1	4	0	0	0	0	0	0	0	0	1
21	1	8	0	2	0	0	0	0	0	0	0	0	1
22	2	6	2	0	0	0	0	0	0	0	0	1	1
23	1	12	2	7	0	0	0	0	0	0	0	0	2
ALL	3	6	2	1	0	0	0	0	0	0	0	1	1

TABLE 2-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	21	4	0	0	0	0	0	0	0	0	0	3
01	9	21	3	0	0	0	0	0	0	0	3	0	4
02	5	15	0	0	0	0	0	0	0	0	0	0	2
03	9	22	3	0	0	0	0	0	0	0	0	0	4
04	9	24	4	0	0	0	0	0	0	0	0	0	4
05	8	22	7	0	0	0	0	0	0	0	0	0	4
06	8	19	4	3	0	0	0	0	0	0	0	1	4
07	6	20	4	0	0	0	0	0	0	0	0	1	3
08	4	17	2	0	0	0	0	0	0	0	0	1	2
09	3	17	1	0	0	0	0	0	0	0	0	2	2
10	4	15	1	0	0	0	0	0	0	0	0	1	2
11	4	15	1	0	0	0	0	0	0	0	0	1	2
12	4	11	1	0	0	0	0	0	0	0	0	2	1
13	4	9	1	0	0	0	0	0	0	0	0	1	1
14	3	10	0	0	0	0	0	0	0	0	0	1	1
15	5	8	0	0	0	0	0	0	0	0	0	1	1
16	7	13	0	0	0	0	0	0	0	0	0	2	2
17	5	15	0	0	0	0	0	0	0	0	0	6	2
18	11	18	1	0	0	0	0	0	0	0	0	4	3
19	8	17	3	0	0	0	0	0	0	0	0	1	3
20	8	14	0	0	0	0	0	0	0	0	0	1	2
21	5	15	0	0	0	0	0	0	0	0	0	0	2
22	8	15	0	0	0	0	0	0	0	0	0	0	3
23	8	21	0	0	0	0	0	0	0	0	0	0	3
ALL	6	15	1	0	0	0	0	0	0	0	0	1	2

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 2-5 THRU 2-7.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	52	34	27	27	24	11	7	8	23	30	41	57	341
01	57	38	32	25	24	9	5	13	19	24	35	57	338
02	56	39	45	40	32	13	11	16	29	29	43	68	421
03	68	49	64	33	35	12	17	15	28	43	63	85	512
04	74	50	57	34	28	19	11	18	23	45	69	81	509
05	80	49	61	35	32	15	16	13	35	47	64	76	523
06	85	54	71	38	49	23	19	17	31	48	65	85	585
07	81	50	72	62	63	32	26	33	44	49	69	88	669
08	84	52	85	89	95	40	43	46	57	50	71	82	794
09	89	65	112	104	95	47	45	56	73	65	87	89	927
10	93	75	133	112	101	49	53	65	94	92	88	91	1046
11	114	87	155	111	102	59	56	66	98	106	109	109	1172
12	117	94	152	118	111	61	56	67	99	118	119	128	1240
13	124	92	149	114	101	66	58	84	97	113	121	127	1246
14	117	94	164	123	101	72	67	78	93	102	104	117	1232
15	100	93	162	127	98	66	69	87	104	94	98	105	1203
16	89	79	144	125	105	65	63	86	81	75	78	90	1080
17	85	68	124	100	99	62	63	82	65	59	71	80	958
18	81	55	94	88	80	54	43	65	48	46	64	74	792
19	75	48	79	62	59	42	35	50	30	44	62	69	655
20	78	51	67	55	42	26	19	27	33	43	62	78	581
21	73	53	68	48	40	16	14	26	40	44	64	76	562
22	84	52	61	39	40	17	14	19	34	45	65	82	552
23	75	42	54	27	29	12	10	12	25	39	58	81	464
	2031		2232		1585		820		1303		1770		18402
ALL		1463		1736		888		1049		1450		2075	

TABLE 2-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	31	24	14	11	11	33	0	40	13	31	33	16	23
01	28	19	21	10	0	0	0	33	20	21	22	6	16
02	13	50	32	14	13	20	0	29	18	7	14	14	20
03	18	29	27	19	17	17	50	33	44	25	30	17	23
04	17	26	27	18	0	0	33	0	40	11	22	15	19
05	24	25	25	23	0	0	33	0	27	12	14	15	18
06	19	10	28	27	0	0	0	13	22	30	12	20	18
07	20	17	20	19	11	14	22	36	22	21	29	15	20
08	20	9	28	24	8	18	0	31	31	18	23	20	21
09	26	4	20	22	3	14	18	20	15	26	24	20	19
10	20	3	24	19	10	0	7	5	7	21	20	22	16
11	16	14	24	20	17	11	7	25	4	10	11	18	16
12	11	10	19	16	20	11	5	9	4	9	16	17	14
13	21	18	20	16	12	8	5	17	12	21	18	23	17
14	14	20	20	17	19	7	9	17	8	20	23	17	17
15	32	20	20	18	18	17	6	14	11	16	28	15	19
16	14	29	19	22	14	14	11	11	11	28	34	17	19
17	30	18	18	19	9	5	18	5	9	45	27	14	19
18	31	20	24	16	11	0	14	15	5	48	28	28	22
19	30	17	21	8	8	0	13	16	13	36	21	24	20
20	24	27	18	24	21	0	13	38	9	32	13	17	20
21	19	21	22	10	44	17	0	29	13	20	9	21	19
22	20	26	27	6	18	0	50	0	36	13	21	13	20
23	22	33	37	0	11	17	0	*	31	24	19	13	21
ALL	21	20	22	18	13	10	11	16	14	22	21	18	18

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

TABLE 2-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	6	0	0	0	0	0	0	0	0	0	0	1
01	0	6	0	0	0	0	0	0	0	0	0	0	1
02	3	6	0	0	0	0	0	0	0	0	0	0	1
03	3	8	0	0	0	0	0	0	0	0	0	0	1
04	0	7	7	0	0	0	0	0	0	0	0	0	2
05	3	4	4	0	0	0	0	0	0	0	0	0	1
06	5	5	10	0	0	0	0	0	0	0	0	0	2
07	0	17	3	4	0	0	0	0	0	0	0	0	2
08	0	5	5	0	0	0	0	0	0	0	0	0	1
09	0	4	7	0	0	0	0	0	0	0	0	0	1
10	4	6	3	0	0	0	0	0	0	0	0	0	1
11	2	9	1	0	0	0	0	0	0	0	0	0	1
12	2	2	0	0	0	0	0	0	0	0	0	3	1
13	0	4	2	0	0	0	0	0	0	0	0	3	1
14	5	4	1	2	0	0	0	0	0	0	0	0	1
15	2	5	1	0	0	0	0	0	0	0	0	0	1
16	5	5	1	0	0	0	0	0	0	0	0	0	1
17	2	9	5	0	0	0	0	0	0	0	0	0	2
18	3	8	5	0	0	0	0	0	0	0	0	0	1
19	2	9	3	8	0	0	0	0	0	0	0	0	2
20	3	12	3	6	0	0	0	0	0	0	0	0	2
21	0	4	0	0	0	0	0	0	0	0	0	0	0
22	0	11	3	0	0	0	0	0	0	0	0	0	2
23	3	14	5	0	0	0	0	*	0	0	0	0	2
ALL	2	7	3	1	0	0	0	0	0	0	0	0	1

TABLE 2-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	18	0	0	0	0	0	0	0	0	0	0	3
01	8	19	0	0	0	0	0	0	0	0	0	0	3
02	3	6	0	0	0	0	0	0	0	0	0	0	1
03	5	17	0	0	0	0	0	0	0	0	0	0	3
04	5	15	3	0	0	0	0	0	0	0	0	0	3
05	5	17	0	0	0	0	0	0	0	0	0	0	3
06	5	10	3	0	0	0	0	0	0	0	0	2	2
07	0	21	3	0	0	0	0	0	0	0	0	2	2
08	0	14	0	0	0	0	0	0	0	0	0	0	1
09	2	17	0	0	0	0	0	0	0	0	0	0	1
10	4	12	0	0	0	0	0	0	0	0	0	0	1
11	0	14	0	0	0	0	0	0	0	0	0	0	1
12	0	12	0	0	0	0	0	0	0	0	0	1	1
13	0	8	1	0	0	0	0	0	0	0	0	2	1
14	2	6	0	0	0	0	0	0	0	0	0	0	1
15	2	5	0	0	0	0	0	0	0	0	0	0	1
16	0	11	0	0	0	0	0	0	0	0	0	2	1
17	0	15	0	0	0	0	0	0	0	0	0	2	1
18	9	24	0	0	0	0	0	0	0	0	0	3	3
19	2	17	0	0	0	0	0	0	0	0	0	2	2
20	6	15	0	0	0	0	0	0	0	0	0	0	2
21	0	13	0	0	0	0	0	0	0	0	0	0	1
22	8	19	0	0	0	0	0	0	0	0	0	0	3
23	6	24	0	0	0	0	0	*	0	0	0	0	3
ALL	3	13	0	0	0	0	0	0	0	0	0	1	2

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 2-8 THRU 2-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	26	17	14	9	9	3	1	5	8	13	21	32	158
01	25	16	14	10	8	3	2	3	5	14	23	35	158
02	31	18	28	14	8	5	3	7	11	14	21	42	202
03	39	24	30	16	6	6	2	3	9	16	27	53	231
04	41	27	30	11	8	2	6	6	10	19	36	48	244
05	38	24	28	13	8	4	3	4	15	25	28	48	238
06	43	21	29	15	17	8	8	8	18	27	33	50	277
07	40	24	30	26	19	7	9	11	23	28	31	47	295
08	41	22	40	33	36	11	5	16	29	28	30	49	340
09	43	23	60	41	38	14	11	20	33	39	37	45	404
10	51	33	70	48	48	16	14	20	45	43	49	46	483
11	51	35	78	46	59	27	15	28	48	50	63	61	561
12	61	41	83	58	59	27	19	34	51	57	73	70	633
13	56	50	83	45	57	25	21	36	49	53	71	65	611
14	66	49	85	58	53	28	23	36	50	51	61	54	614
15	56	40	83	62	55	24	18	36	54	40	43	53	573
16	44	38	81	59	56	28	18	45	46	46	44	48	553
17	44	34	62	54	44	21	17	37	32	33	44	42	464
18	32	25	42	37	36	12	14	26	20	25	36	39	344
19	44	23	34	26	26	7	8	19	15	22	39	50	313
20	33	26	38	17	19	5	8	8	11	22	38	46	271
21	31	24	27	20	16	6	2	7	15	25	34	42	249
22	40	27	30	16	11	3	2	4	22	16	29	47	247
23	36	21	19	9	9	6	2	0	16	17	27	45	207
ALL	1012	682	1118	743	705	298	231	419	635	732	938	1157	8670

TABLE 2-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	33	25	0	50	*	0	*	33	50	50	17	29
01	42	0	17	0	*	*	0	100	0	0	33	5	17
02	13	38	33	25	100	*	0	0	0	0	10	8	15
03	26	40	25	29	0	*	*	50	33	29	27	15	26
04	25	30	43	14	*	*	*	0	100	0	45	11	25
05	29	25	31	29	0	*	100	0	67	27	0	8	22
06	26	18	40	44	0	*	0	0	50	40	14	19	26
07	27	15	15	50	0	0	100	0	33	33	25	22	24
08	20	0	35	33	7	50	0	67	30	13	17	29	22
09	43	0	25	29	0	0	33	33	22	31	32	26	26
10	27	0	39	19	16	0	0	25	0	27	32	30	24
11	29	20	30	21	21	8	0	20	0	13	19	28	21
12	18	17	28	32	20	0	0	11	8	17	23	36	23
13	24	16	39	21	19	0	0	28	13	10	26	24	22
14	29	25	23	17	14	0	0	20	5	29	34	22	21
15	46	24	34	22	13	17	0	21	10	16	37	22	25
16	24	29	21	26	12	20	67	25	6	42	38	24	24
17	35	14	9	10	7	0	25	0	7	57	40	21	19
18	58	25	26	8	13	0	0	0	0	50	42	24	26
19	50	17	8	0	14	0	0	0	0	40	20	27	22
20	29	30	25	0	33	*	0	50	0	33	18	29	25
21	31	30	33	0	50	0	0	50	17	30	7	24	25
22	28	33	50	17	0	*	*	0	20	14	17	8	21
23	29	50	50	0	*	*	*	*	50	14	14	17	27
ALL	30	22	29	21	15	7	14	21	13	26	26	21	23

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

TABLE 2-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	0	*	0	0	0	0	0
01	0	0	0	0	*	*	0	0	0	0	0	0	0
02	0	13	0	0	0	*	0	0	0	0	0	0	1
03	4	10	0	0	0	*	*	0	0	0	0	0	2
04	0	10	7	0	*	*	*	0	0	0	0	0	2
05	0	8	8	0	0	*	0	0	0	0	0	0	2
06	0	9	10	0	0	*	0	0	0	0	0	0	2
07	0	15	8	0	0	0	0	0	0	0	0	0	3
08	0	8	5	0	0	0	0	0	0	0	0	0	1
09	0	10	8	0	0	0	0	0	0	0	0	0	2
10	0	8	4	0	0	0	0	0	0	0	0	0	1
11	0	13	3	0	0	0	0	0	0	0	0	0	1
12	0	6	0	0	0	0	0	0	0	0	0	3	1
13	0	0	3	0	0	0	0	0	0	0	0	3	1
14	0	8	0	0	0	0	0	0	0	0	0	0	1
15	4	12	3	0	0	0	0	0	0	0	0	0	2
16	0	12	3	0	0	0	0	0	0	0	0	0	1
17	6	14	14	0	0	0	0	0	0	0	0	0	4
18	8	17	5	0	0	0	0	0	0	0	0	0	3
19	0	8	8	10	0	0	0	0	0	0	0	0	3
20	0	20	0	0	0	*	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	11	13	0	0	*	*	0	0	0	0	0	2
23	0	0	10	0	*	*	*	*	0	0	0	0	1
ALL	1	9	4	0	0	0	0	0	0	0	0	0	2

TABLE 2-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	0	*	0	0	0	0	0
01	8	0	0	0	*	*	0	0	0	0	0	0	2
02	0	13	0	0	0	*	0	0	0	0	0	0	1
03	4	10	0	0	0	*	*	0	0	0	0	0	2
04	0	10	0	0	*	*	*	0	0	0	0	0	1
05	0	8	0	0	0	*	0	0	0	0	0	0	1
06	0	9	0	0	0	*	0	0	0	0	0	0	1
07	0	15	0	0	0	0	0	0	0	0	0	0	2
08	0	17	0	0	0	0	0	0	0	0	0	0	1
09	0	20	0	0	0	0	0	0	0	0	0	0	1
10	5	8	0	0	0	0	0	0	0	0	0	0	1
11	0	13	0	0	0	0	0	0	0	0	0	0	1
12	0	11	0	0	0	0	0	0	0	0	0	3	1
13	0	5	0	0	0	0	0	0	0	0	0	3	1
14	0	8	0	0	0	0	0	0	0	0	0	0	1
15	0	12	0	0	0	0	0	0	0	0	0	0	1
16	0	18	0	0	0	0	0	0	0	0	0	0	1
17	0	14	0	0	0	0	0	0	0	0	0	0	1
18	8	25	0	0	0	0	0	0	0	0	0	0	3
19	0	17	0	0	0	0	0	0	0	0	0	0	2
20	0	20	0	0	0	*	0	0	0	0	0	0	2
21	0	10	0	0	0	0	0	0	0	0	0	0	1
22	0	11	0	0	0	*	*	0	0	0	0	0	1
23	6	13	0	0	*	*	*	*	0	0	0	0	2
ALL	1	12	0	0	0	0	0	0	0	0	0	0	1

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 2-11 THRU 2-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	12	6	4	3	2	0	1	0	3	4	6	18	59
01	12	4	6	3	0	0	1	1	1	4	9	22	63
02	16	8	6	4	1	0	1	1	3	4	10	26	80
03	23	10	8	7	1	0	0	2	3	7	11	26	98
04	16	10	14	7	0	0	0	1	1	5	11	27	92
05	21	12	13	7	2	0	1	1	3	11	7	25	103
06	19	11	10	9	1	0	1	1	4	10	14	26	106
07	22	13	13	8	3	3	1	2	3	12	12	23	115
08	20	12	20	9	14	2	1	3	10	16	12	21	140
09	23	10	24	21	11	3	3	6	9	16	19	23	168
10	22	12	28	16	19	3	2	4	9	22	22	23	182
11	21	15	33	19	24	12	3	5	13	16	32	29	222
12	22	18	40	25	25	7	2	9	13	23	35	33	252
13	21	19	31	19	27	6	5	18	16	20	38	33	253
14	24	24	26	24	28	6	4	15	19	21	29	23	243
15	24	17	35	27	24	6	3	14	21	19	19	23	232
16	17	17	33	27	25	10	3	16	17	12	16	21	214
17	17	14	22	20	15	4	4	12	15	14	15	19	171
18	12	12	19	12	15	4	1	5	8	14	12	21	135
19	16	12	12	10	7	1	2	1	6	10	15	22	114
20	17	10	12	4	6	0	1	2	6	9	17	21	105
21	16	10	12	4	4	1	2	2	6	10	14	21	102
22	18	9	8	6	1	0	0	1	5	7	12	24	91
23	17	8	10	3	0	0	0	0	4	7	14	23	86
ALL	448	293	439	294	255	68	42	122	198	293	401	573	3426

TABLE 2-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	67	*	0	0	*	*	*	*	0	*	67	13	30
01	75	0	0	0	*	*	*	*	0	*	0	0	20
02	20	0	67	50	*	*	*	*	0	0	0	13	20
03	30	100	50	50	*	*	*	0	50	0	60	20	35
04	20	40	40	*	*	*	*	0	100	0	40	13	28
05	50	50	40	50	*	*	*	0	100	33	0	0	32
06	33	33	60	60	*	*	*	0	100	33	33	22	39
07	43	33	25	50	*	*	100	0	*	40	0	40	37
08	29	0	33	40	0	*	*	100	50	25	50	36	29
09	71	0	100	22	0	*	*	0	0	33	43	40	33
10	42	0	25	17	17	*	*	0	0	38	57	30	28
11	38	17	36	50	17	0	*	0	0	25	33	33	30
12	29	0	22	50	11	0	0	0	33	14	27	38	25
13	33	33	38	43	60	0	0	50	33	20	28	31	34
14	56	38	11	14	11	0	0	33	0	20	31	25	25
15	55	20	29	22	0	*	*	0	0	20	43	40	29
16	29	25	18	33	17	*	*	0	17	25	33	44	26
17	43	10	14	0	0	0	*	0	0	25	33	43	19
18	75	33	43	0	*	*	*	0	0	100	33	50	43
19	67	0	0	0	*	*	*	0	0	100	67	36	36
20	57	20	17	*	*	*	*	0	0	100	40	44	35
21	44	0	60	0	*	*	*	*	50	0	0	36	35
22	33	0	40	50	*	*	*	*	33	0	50	14	28
23	56	25	67	*	*	*	*	*	50	0	25	25	40
ALL	46	19	33	30	16	0	25	12	19	29	34	30	30

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

TABLE 2-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	0	*	*	*	*	0	*	0	0	0
01	0	0	0	0	*	*	*	*	0	*	0	0	0
02	0	0	0	0	*	*	*	*	0	0	0	0	0
03	0	0	0	0	*	*	*	0	0	0	0	0	0
04	0	20	20	*	*	*	*	0	0	0	0	0	6
05	0	0	0	0	*	*	*	0	0	0	0	0	0
06	0	17	0	0	*	*	*	0	0	0	0	0	3
07	0	17	0	0	*	*	0	0	*	0	0	0	2
08	0	13	17	0	0	*	*	0	0	0	0	0	4
09	0	0	0	0	0	*	*	0	0	0	0	0	0
10	0	14	13	0	0	*	*	0	0	0	0	0	3
11	0	17	9	0	0	0	*	0	0	0	0	0	3
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	8	0	0	0	0	0	0	0	0	0	1
14	0	25	0	0	0	0	0	0	0	0	0	0	2
15	0	20	0	0	0	*	*	0	0	0	0	0	2
16	0	25	0	0	0	*	*	0	0	0	0	0	3
17	0	20	14	0	0	0	*	0	0	0	0	0	6
18	0	17	0	0	*	*	*	0	0	0	0	0	2
19	0	0	0	0	*	*	*	0	0	0	0	0	0
20	0	0	0	*	*	*	*	0	0	0	0	0	0
21	0	0	0	0	*	*	*	*	0	0	0	0	0
22	0	0	0	0	*	*	*	*	0	0	0	0	0
23	0	0	0	*	*	*	*	*	0	0	0	0	0
ALL	0	11	4	0	0	0	0	0	0	0	0	0	2

TABLE 2-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	0	*	*	*	*	0	*	0	0	0
01	0	0	0	0	*	*	*	*	0	*	0	0	0
02	0	0	0	0	*	*	*	*	0	0	0	0	0
03	0	0	0	0	*	*	*	0	0	0	0	0	0
04	0	20	0	*	*	*	*	0	0	0	0	0	3
05	0	0	0	0	*	*	*	0	0	0	0	0	0
06	0	17	0	0	*	*	*	0	0	0	0	0	3
07	0	17	0	0	*	*	0	0	*	0	0	0	2
08	0	25	0	0	0	*	*	0	0	0	0	0	4
09	0	14	0	0	0	*	*	0	0	0	0	0	2
10	0	14	0	0	0	*	*	0	0	0	0	0	1
11	0	17	0	0	0	0	*	0	0	0	0	0	1
12	0	14	0	0	0	0	0	0	0	0	0	0	1
13	0	11	0	0	0	0	0	0	0	0	0	0	1
14	0	25	0	0	0	0	0	0	0	0	0	0	2
15	0	20	0	0	0	*	*	0	0	0	0	0	2
16	0	25	0	0	0	*	*	0	0	0	0	0	3
17	0	20	0	0	0	0	*	0	0	0	0	0	4
18	13	17	0	0	*	*	*	0	0	0	0	0	5
19	0	25	0	0	*	*	*	0	0	0	0	0	3
20	0	0	0	*	*	*	*	0	0	0	0	0	0
21	0	0	0	0	*	*	*	*	0	0	0	0	0
22	0	0	0	0	*	*	*	*	0	0	0	0	0
23	0	0	0	*	*	*	*	*	0	0	0	0	0
ALL	1	15	0	0	0	0	0	0	0	0	0	0	2

STATION: RAF ALCONBURY, UK WMO #: 035623 RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 2-14 THRU 2-16.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	0	3	1	0	0	0	0	2	0	3	8	23
01	4	1	1	1	0	0	0	0	1	0	2	5	15
02	5	2	3	2	0	0	0	0	1	1	3	8	25
03	10	1	4	2	0	0	0	1	2	2	5	10	37
04	5	5	5	0	0	0	0	1	1	2	5	8	32
05	6	4	5	2	0	0	0	1	1	3	1	8	31
06	3	6	5	5	0	0	0	1	1	3	3	9	36
07	7	6	4	4	0	0	1	1	0	5	3	10	41
08	7	8	6	5	2	0	0	1	2	4	2	11	48
09	7	7	1	9	1	0	0	2	2	6	7	10	52
10	12	7	8	6	6	0	0	2	3	8	7	10	69
11	8	6	11	6	6	1	0	1	3	4	15	12	73
12	7	7	9	8	9	1	1	2	3	7	15	16	85
13	9	9	13	7	5	1	1	2	6	5	18	13	89
14	9	8	9	7	9	1	1	3	4	5	13	12	81
15	11	5	7	9	5	0	0	1	6	5	7	10	66
16	7	8	11	9	6	0	0	2	6	4	6	9	68
17	7	10	7	6	2	1	0	2	4	4	3	7	53
18	8	6	7	5	0	0	0	1	3	3	3	8	44
19	6	4	2	2	0	0	0	1	2	2	3	11	33
20	7	5	6	0	0	0	0	1	3	1	5	9	37
21	9	3	5	1	0	0	0	0	2	1	2	11	34
22	6	3	5	2	0	0	0	0	3	1	2	7	29
23	9	4	6	0	0	0	0	0	2	2	4	8	35
ALL	175	125	143	99	51	5	4	26	63	78	137	230	1136

STATION: ANSBACH AHP, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

TABLE 3-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	5	0	0	3	0	0	0	0	4	0	0	1
01	10	5	0	0	3	0	0	0	0	2	0	0	1
02	10	5	0	0	6	0	0	0	0	0	0	3	1
03	9	5	0	4	2	0	2	0	0	0	0	0	1
04	6	3	5	2	0	0	0	1	0	2	3	9	2
05	5	2	2	3	0	1	1	2	1	3	2	7	2
06	4	2	2	2	0	2	1	1	2	1	4	4	2
07	3	4	3	4	1	2	1	1	1	2	2	5	2
08	4	4	5	5	2	2	2	2	2	3	3	7	3
09	4	4	5	5	2	3	3	3	2	3	4	8	4
10	6	6	7	5	4	6	5	3	4	4	5	5	5
11	7	4	8	7	3	5	4	4	6	5	3	6	5
12	8	6	5	6	5	4	7	5	5	3	3	4	5
13	8	5	4	11	7	6	6	6	6	4	3	3	6
14	7	4	6	10	5	6	4	5	6	3	2	5	5
15	4	5	6	8	3	5	7	7	7	3	2	5	5
16	5	3	6	8	4	5	5	2	3	2	2	4	4
17	3	2	6	8	1	3	4	3	2	2	3	4	3
18	4	3	4	5	2	4	2	1	2	1	3	2	3
19	6	2	4	3	0	1	0	1	0	2	1	5	2
20	5	2	2	2	1	1	1	1	1	2	2	3	2
21	6	3	3	3	1	0	1	0	0	2	2	5	2
22	8	5	0	3	1	0	0	0	0	2	3	7	1
23	0	5	0	3	0	3	0	0	0	0	0	0	1
ALL	5	4	5	6	2	3	3	3	3	3	3	5	4

TABLE 3-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	3	0	0	0	0	0	0	0	0
01	10	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	6	0	0	0	0	0	0	0	1
03	0	0	0	2	0	0	0	0	0	0	0	0	0
04	2	0	1	1	0	0	0	1	0	1	1	2	1
05	1	0	1	1	0	0	0	1	0	1	1	3	1
06	2	1	1	0	0	0	0	0	0	1	0	2	1
07	1	2	1	1	0	0	0	0	0	1	1	2	1
08	1	0	1	0	0	0	0	0	1	1	1	3	1
09	1	1	1	1	1	1	0	1	1	1	1	3	1
10	1	2	2	1	1	1	1	0	1	1	1	2	1
11	1	1	2	0	2	0	1	0	1	2	1	2	1
12	2	2	2	1	2	1	1	1	1	0	1	1	1
13	1	2	1	2	1	1	2	1	2	1	0	1	1
14	2	1	1	3	1	1	0	1	1	0	1	1	1
15	1	1	1	1	0	1	2	1	2	1	0	1	1
16	0	2	1	2	0	1	1	0	1	0	1	1	1
17	1	1	1	2	0	1	1	0	0	0	1	0	1
18	1	1	1	0	0	0	1	0	0	0	0	0	0
19	1	1	1	1	0	0	0	0	0	1	0	1	0
20	1	1	1	0	0	0	0	0	1	1	1	1	0
21	0	2	1	1	1	0	1	0	0	1	0	2	1
22	0	0	0	1	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	1	1	1	1	1	1	0	1	1	1	2	1

STATION: ANSBACH AHP, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

TABLE 3-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	0	0	0	0	0	0	1	0
05	0	0	0	0	0	0	0	0	0	0	0	2	0
06	1	0	0	0	0	0	0	0	0	0	0	1	0
07	0	1	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	1	0	0	0	0	0	0	0	0	0	0	1	0
10	0	0	1	0	0	0	0	0	0	0	0	1	0
11	0	0	0	0	0	0	0	0	0	0	0	1	0
12	0	0	0	0	0	0	0	0	0	0	0	1	0
13	0	0	0	1	0	0	0	0	0	0	0	1	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	1	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	1	0	0	0	0	0	0	0	0	1	0
20	0	1	0	0	0	0	0	0	0	1	0	0	0
21	0	0	0	1	1	0	0	0	0	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	1	0

TABLE 3-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	1	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	1	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: ANSBACH AHP, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 3-1 THRU 3-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	11	21	23	30	34	37	35	32	53	52	31	30	389
01	10	21	22	30	33	35	34	32	50	45	30	30	372
02	10	21	22	30	31	30	33	31	51	51	30	30	370
03	11	21	23	47	52	51	55	52	65	54	33	30	494
04	193	174	194	190	248	250	254	247	224	234	192	186	2586
05	277	249	282	276	295	290	301	312	303	303	249	261	3398
06	285	250	284	276	297	293	302	314	305	314	252	273	3445
07	291	252	285	277	304	293	302	313	304	317	253	273	3464
08	292	253	287	279	304	293	302	312	306	317	253	272	3470
09	293	252	284	279	300	301	303	311	305	317	251	272	3468
10	292	251	283	279	302	300	303	310	304	316	252	271	3463
11	292	250	284	278	302	299	301	310	304	317	252	272	3461
12	292	251	284	278	303	299	300	309	304	316	250	271	3457
13	290	251	284	278	303	299	300	308	305	314	249	268	3449
14	289	250	281	277	301	298	301	309	305	314	249	268	3442
15	285	250	279	277	300	297	301	309	305	315	249	266	3433
16	283	249	277	266	292	286	302	307	304	314	247	263	3390
17	264	247	268	244	267	268	279	304	302	308	233	240	3224
18	229	234	259	237	255	264	269	298	288	290	213	211	3047
19	153	176	210	181	198	205	207	218	215	239	154	144	2300
20	111	142	186	172	187	200	196	208	193	194	126	119	2034
21	99	132	157	154	166	173	175	181	170	179	112	112	1810
22	12	21	23	99	102	100	93	94	99	56	31	30	760
23	12	20	23	30	33	40	36	31	52	44	30	31	382
		4238		4764		5201		5452		5520		4423	
ALL	4576		4804		5209		5284		5416		4221		59108

TABLE 3-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	0	*	*	100	*	*	*	*	50	*	*	50
01	100	100	*	*	100	*	*	*	*	100	*	*	100
02	100	100	*	*	100	*	*	*	*	*	*	0	80
03	100	0	*	50	100	*	0	*	*	*	*	*	50
04	33	50	30	50	0	*	0	50	*	75	33	6	31
05	15	50	50	43	*	50	50	60	50	38	50	24	36
06	36	17	43	0	*	40	33	25	20	67	44	18	30
07	50	33	38	27	0	33	0	25	0	83	17	14	29
08	8	22	27	14	14	17	29	20	40	40	0	15	19
09	42	9	29	20	0	11	11	20	14	56	20	27	23
10	11	20	40	21	23	21	0	10	15	21	17	14	19
11	26	20	21	5	25	13	0	0	28	33	0	33	18
12	13	13	15	28	13	8	15	7	13	36	29	25	17
13	5	17	18	13	19	22	17	6	11	33	14	44	16
14	24	0	18	21	25	6	17	0	6	38	20	21	16
15	20	23	11	13	10	20	15	17	5	20	40	46	18
16	27	25	28	14	17	8	7	40	10	60	20	20	20
17	11	50	13	26	0	13	9	25	14	60	43	11	22
18	30	33	20	33	60	27	20	33	80	33	14	50	33
19	33	0	63	17	*	0	0	50	*	50	0	57	35
20	40	0	75	67	0	0	50	0	50	50	33	100	44
21	33	0	20	60	100	*	0	*	*	67	50	50	38
22	100	0	*	0	0	*	*	*	*	100	0	50	30
23	*	0	*	0	*	0	*	*	*	*	*	*	0
ALL	24	21	27	21	22	16	13	15	17	43	23	26	22

STATION: ANSBACH ABF, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

TABLE 3-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	100	*	*	0	*	*	*	*	0	*	*	25
01	0	0	*	*	0	*	*	*	*	0	*	*	0
02	0	0	*	*	0	*	*	*	*	*	*	0	0
03	0	0	*	0	0	*	0	*	*	*	*	*	0
04	25	33	20	25	0	*	0	0	*	0	0	25	19
05	62	50	17	43	*	0	0	0	0	0	0	18	24
06	27	50	0	17	*	0	0	0	0	0	22	9	14
07	38	44	0	45	0	0	0	0	0	0	17	29	21
08	17	56	27	14	0	0	0	0	0	0	13	30	17
09	17	64	14	27	0	0	0	0	0	0	20	32	18
10	22	27	5	14	0	0	0	0	0	0	17	21	9
11	11	10	8	10	0	0	0	0	0	0	14	7	5
12	26	13	0	11	0	0	0	0	0	0	14	0	6
13	23	33	9	10	0	0	0	0	0	0	0	11	7
14	29	44	12	11	0	0	0	0	0	0	20	7	9
15	30	23	0	4	0	0	0	0	0	0	0	8	4
16	13	25	6	5	0	0	0	0	0	0	0	10	5
17	22	17	13	5	0	0	0	0	0	0	29	11	8
18	20	33	0	0	0	0	0	0	0	0	0	0	5
19	33	25	0	33	*	0	0	0	*	0	0	0	13
20	60	67	0	0	0	0	0	0	0	0	0	0	15
21	50	75	0	0	0	*	0	*	*	0	0	17	21
22	0	100	*	33	0	*	*	*	*	0	0	50	30
23	*	100	*	100	*	0	*	*	*	*	*	*	67
ALL	26	35	8	13	0	0	0	0	0	0	12	16	10

TABLE 3-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	0	*	*	0	*	*	*	*	0	*	*	0
01	0	0	*	*	0	*	*	*	*	0	*	*	0
02	0	0	*	*	0	*	*	*	*	*	*	0	0
03	0	0	*	0	0	*	0	*	*	*	*	*	0
04	50	33	20	0	0	*	0	0	*	0	17	25	24
05	69	50	17	14	*	0	0	0	0	0	0	35	26
06	27	50	0	17	*	0	0	0	0	0	22	27	17
07	25	44	0	9	0	0	0	0	0	0	17	50	18
08	42	44	20	0	0	0	0	0	0	0	25	35	18
09	42	55	21	0	0	0	0	0	0	0	20	32	17
10	28	27	10	0	0	0	0	0	0	0	0	21	8
11	16	10	8	0	0	0	0	0	0	0	14	0	4
12	35	27	0	0	0	0	0	0	0	0	43	8	9
13	36	17	0	0	0	0	0	0	0	0	14	0	6
14	29	44	0	4	0	0	0	0	0	0	0	21	8
15	40	23	0	4	0	0	0	0	0	0	0	8	5
16	13	13	0	5	0	0	0	0	0	0	0	20	4
17	33	33	13	5	0	0	0	0	0	0	14	22	10
18	20	67	10	0	0	0	0	0	0	0	0	0	9
19	22	25	0	0	*	0	0	0	*	0	0	14	9
20	20	67	0	0	0	0	0	0	0	0	0	0	9
21	17	75	0	0	0	*	0	*	*	0	0	0	12
22	0	100	*	33	0	*	*	*	*	0	0	0	20
23	*	100	*	100	*	0	*	*	*	*	*	*	67
ALL	31	35	7	3	0	0	0	0	0	0	12	21	10

STATION: ANSBACH AHP, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 3-5 THRU 3-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	1	0	0	1	0	0	0	0	2	0	0	4
01	1	1	0	0	1	0	0	0	0	1	0	0	4
02	1	1	0	0	2	0	0	0	0	0	0	1	5
03	1	1	0	2	1	0	1	0	0	0	0	0	6
04	12	6	10	4	1	0	1	2	0	4	6	16	62
05	13	4	6	7	0	2	2	5	4	8	4	17	72
06	11	6	7	6	0	5	3	4	5	3	9	11	70
07	8	9	8	11	3	6	3	4	4	6	6	14	82
08	12	9	15	14	7	6	7	5	5	10	8	20	118
09	12	11	14	15	7	9	9	10	7	9	10	22	135
10	18	15	20	14	13	19	16	10	13	14	12	14	178
11	19	10	24	20	8	16	12	12	18	15	7	15	176
12	23	15	13	18	15	13	20	14	15	11	7	12	176
13	22	12	11	30	21	18	18	17	19	12	7	9	196
14	21	9	17	28	16	18	12	16	17	8	5	14	181
15	10	13	18	23	10	15	20	23	22	10	5	13	182
16	15	8	17	22	12	13	14	5	10	5	5	10	136
17	9	6	15	19	2	8	11	8	7	5	7	9	106
18	10	6	10	12	5	11	5	3	5	3	7	4	81
19	9	4	8	6	0	3	1	2	0	4	2	7	46
20	5	3	4	3	2	1	2	2	2	4	3	3	34
21	6	4	5	5	1	0	2	0	0	3	2	6	34
22	1	1	0	3	1	0	0	0	0	1	1	2	10
23	0	1	0	1	0	1	0	0	0	0	0	0	3
ALL	239	156	222	263	129	164	159	142	153	138	113	219	2097

TABLE 3-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	100	*	*	*	*	*	*	*	100
01	100	*	*	*	*	*	*	*	*	*	*	*	100
02	*	*	*	*	100	*	*	*	*	*	*	*	100
03	*	*	*	0	*	*	*	*	*	*	*	*	0
04	25	*	50	100	*	*	*	50	*	67	0	0	38
05	33	100	100	33	*	*	*	67	*	50	0	25	42
06	40	33	33	0	*	100	*	0	100	100	0	17	38
07	50	50	50	50	*	0	*	*	0	100	0	17	38
08	0	*	33	*	*	0	100	*	50	75	0	13	28
09	25	33	33	25	0	33	*	50	0	75	50	11	29
10	25	50	20	0	25	0	0	0	25	50	0	20	21
11	0	0	29	0	40	100	0	0	50	20	0	67	29
12	17	0	20	50	20	0	50	0	33	100	33	25	24
13	0	25	25	0	67	25	33	25	20	0	*	50	24
14	33	0	25	50	50	25	*	0	0	100	50	33	30
15	0	0	50	50	0	33	20	0	0	33	100	100	28
16	0	50	100	25	*	50	0	0	0	0	33	0	30
17	0	67	0	20	*	0	25	0	100	100	67	*	32
18	33	100	0	*	100	*	50	100	*	*	0	100	50
19	0	0	100	0	*	0	*	0	*	50	*	100	36
20	0	0	100	*	*	*	*	0	100	100	0	100	56
21	*	0	0	0	100	*	0	*	*	50	*	50	30
22	*	*	*	0	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	21	33	38	29	44	23	26	22	23	59	24	29	31

STATION: ANSBACH ABF, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

TABLE 3-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	0	*	*	*	*	*	*	*	0
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	0	*	*	*	*	*	*	*	0
03	*	*	*	0	*	*	*	*	*	*	*	*	0
04	25	*	0	0	*	*	*	0	*	0	0	33	13
05	33	0	0	33	*	*	*	0	*	0	0	25	17
06	20	67	0	0	*	0	*	0	0	0	0	17	17
07	50	33	0	0	*	0	*	*	0	0	50	50	29
08	0	*	33	*	*	0	0	*	0	0	50	25	16
09	0	33	0	50	0	0	*	0	0	0	0	22	13
10	25	50	0	0	0	0	0	0	0	0	33	20	13
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	33	0	0	25	0	0	0	0	0	0	0	0	7
13	0	50	25	17	0	0	0	0	0	0	*	25	11
14	17	50	0	13	0	0	*	0	0	0	0	0	8
15	33	50	0	0	0	0	0	0	0	0	0	0	6
16	0	25	0	25	*	0	0	0	0	0	0	0	7
17	50	0	0	20	*	0	0	0	0	0	0	*	8
18	67	0	0	*	0	*	0	0	*	*	0	0	14
19	100	100	0	0	*	0	*	0	*	0	*	0	27
20	100	100	0	*	*	*	*	0	0	0	0	0	22
21	*	50	0	0	0	*	0	*	*	0	*	0	10
22	*	*	*	0	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	26	33	4	16	0	0	0	0	0	0	10	18	11

TABLE 3-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	0	*	*	*	*	*	*	*	0
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	0	*	*	*	*	*	*	*	0
03	*	*	*	0	*	*	*	*	*	*	*	*	0
04	50	*	50	0	*	*	*	0	*	0	0	0	19
05	67	0	0	0	*	*	*	0	*	0	0	50	25
06	60	67	0	0	*	0	*	0	0	0	0	50	33
07	50	33	0	0	*	0	*	*	0	0	50	50	29
08	75	*	0	*	*	0	0	*	0	0	50	38	28
09	50	0	0	0	0	0	*	0	0	0	0	11	8
10	50	0	20	0	0	0	0	0	0	0	0	20	10
11	33	0	0	0	0	0	0	0	0	0	0	0	3
12	17	50	0	0	0	0	0	0	0	0	33	0	10
13	50	25	0	0	0	0	0	0	0	0	*	0	7
14	33	50	0	13	0	0	*	0	0	0	0	33	13
15	100	50	0	0	0	0	0	0	0	0	0	0	11
16	100	25	0	25	*	0	0	0	0	0	0	0	11
17	50	33	0	20	*	0	0	0	0	0	0	*	12
18	67	0	0	*	0	*	0	0	*	*	0	0	14
19	50	0	0	0	*	0	*	0	*	0	*	0	9
20	0	0	0	*	*	*	*	0	0	0	0	0	0
21	*	50	0	0	0	*	0	*	*	0	*	0	10
22	*	*	*	0	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	50	27	4	6	0	0	0	0	0	0	10	22	13

STATION: ANSBACH AHP, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 3-8 THRU 3-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	1	0	0	0	0	0	0	0	1
01	1	0	0	0	0	0	0	0	0	0	0	0	1
02	0	0	0	0	2	0	0	0	0	0	0	0	2
03	0	0	0	1	0	0	0	0	0	0	0	0	1
04	4	0	2	1	0	0	0	2	0	3	1	3	16
05	3	1	2	3	0	0	0	3	0	2	2	8	24
06	5	3	3	1	0	1	0	1	1	2	1	6	24
07	2	6	2	2	0	1	0	0	1	2	2	6	24
08	4	0	3	0	0	1	1	0	2	4	2	8	25
09	4	3	3	4	2	3	0	2	2	4	2	9	38
10	4	4	5	2	4	3	2	1	4	2	3	5	39
11	3	3	7	1	5	1	2	1	2	5	2	6	38
12	6	4	5	4	5	3	2	2	3	1	3	4	42
13	4	4	4	6	3	4	6	4	5	2	0	4	46
14	6	2	4	8	2	4	0	4	4	1	2	3	40
15	3	2	4	4	1	3	5	2	6	3	1	2	36
16	1	4	3	4	0	2	2	1	3	1	3	3	27
17	2	3	2	5	0	3	4	1	1	1	3	0	25
18	3	2	3	0	1	0	2	1	0	0	1	1	14
19	2	1	2	1	0	1	0	1	0	2	0	1	11
20	1	1	1	0	0	0	0	1	1	2	1	1	9
21	0	2	1	1	1	0	1	0	0	2	0	2	10
22	0	0	0	1	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	58	45	56	49	27	30	27	27	35	39	29	72	494

TABLE 3-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	0	0
05	100	*	*	*	*	*	*	*	*	100	0	25	43
06	50	*	*	*	*	*	*	*	*	*	*	0	20
07	*	50	*	*	*	0	*	*	*	*	*	0	25
08	*	*	*	*	*	*	*	*	*	*	*	0	0
09	50	*	0	*	*	*	*	*	*	0	*	0	17
10	100	0	0	*	*	*	0	*	*	*	0	25	20
11	0	0	0	*	100	*	*	0	*	*	0	50	25
12	*	0	*	*	100	*	*	*	*	*	*	33	40
13	*	0	100	0	*	*	*	*	*	*	*	50	33
14	*	*	*	100	*	*	*	0	*	*	*	100	67
15	0	0	100	100	*	*	0	*	0	*	100	100	50
16	*	50	*	*	*	*	*	*	*	*	0	0	25
17	*	*	0	*	*	*	*	*	*	100	100	*	67
18	100	100	*	*	100	*	100	100	*	*	*	100	100
19	*	0	100	*	*	*	*	*	*	100	*	100	80
20	*	0	*	*	*	*	*	*	*	100	*	*	50
21	*	*	*	0	100	*	*	*	*	100	*	*	67
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	50	25	44	40	100	0	33	33	0	83	33	32	41

STATION: ANSBACH AHP, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

TABLE 3-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	100	50
05	0	*	*	*	*	*	*	*	*	0	0	25	14
06	0	*	*	*	*	*	*	*	*	*	*	33	20
07	*	0	*	*	*	0	*	*	*	*	*	0	0
08	*	*	*	*	*	*	*	*	*	*	*	0	0
09	0	*	0	*	*	*	*	*	*	0	*	0	0
10	0	100	0	*	*	*	0	*	*	*	100	25	30
11	0	0	0	*	0	*	*	0	*	*	0	0	0
12	*	0	*	*	0	*	*	*	*	*	*	0	0
13	*	100	0	50	*	*	*	*	*	*	*	0	33
14	*	*	*	0	*	*	*	0	*	*	*	0	0
15	100	0	0	0	*	*	0	*	0	*	0	0	13
16	*	0	*	*	*	*	*	*	*	*	0	0	0
17	*	*	0	*	*	*	*	*	*	0	0	*	0
18	0	0	*	*	0	*	0	0	*	*	*	0	0
19	*	100	0	*	*	*	*	*	*	0	*	0	20
20	*	100	*	*	*	*	*	*	*	0	*	*	50
21	*	*	*	0	0	*	*	*	*	0	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	10	33	0	20	0	0	0	0	0	0	17	14	13

TABLE 3-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	0	0
05	0	*	*	*	*	*	*	*	*	0	0	75	43
06	50	*	*	*	*	*	*	*	*	*	*	67	60
07	*	0	*	*	*	0	*	*	*	*	*	100	25
08	*	*	*	*	*	*	*	*	*	*	*	100	100
09	50	*	0	*	*	*	*	*	*	0	*	0	17
10	0	0	50	*	*	*	0	*	*	*	0	25	20
11	0	0	0	*	0	*	*	0	*	*	0	0	0
12	*	0	*	*	0	*	*	*	*	*	*	0	0
13	*	0	0	0	*	*	*	*	*	*	*	0	0
14	*	*	*	0	*	*	*	0	*	*	*	0	0
15	100	0	0	0	*	*	0	*	0	*	0	0	13
16	*	0	*	*	*	*	*	*	*	*	0	0	0
17	*	*	0	*	*	*	*	*	*	0	0	*	0
18	0	0	*	*	0	*	0	0	*	*	*	0	0
19	*	0	0	*	*	*	*	*	*	0	*	0	0
20	*	0	*	*	*	*	*	*	*	0	*	*	0
21	*	*	*	0	0	*	*	*	*	0	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	30	0	11	0	0	0	0	0	0	0	0	29	14

STATION: ANSBACH AHP, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 3-11 THRU 3-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	0	0	0	0	0	0	1	2
05	1	0	0	0	0	0	0	0	0	1	1	4	7
06	2	0	0	0	0	0	0	0	0	0	0	3	5
07	0	2	0	0	0	1	0	0	0	0	0	1	4
08	0	0	0	0	0	0	0	0	0	0	0	1	1
09	2	0	1	0	0	0	0	0	0	1	0	2	6
10	1	1	2	0	0	0	1	0	0	0	1	4	10
11	1	1	1	0	1	0	0	1	0	0	1	2	8
12	0	1	0	0	1	0	0	0	0	0	0	3	5
13	0	1	1	2	0	0	0	0	0	0	0	2	6
14	0	0	0	1	0	0	0	1	0	0	0	1	3
15	1	1	1	1	0	0	1	0	1	0	1	1	8
16	0	2	0	0	0	0	0	0	0	0	1	1	4
17	0	0	1	0	0	0	0	0	0	1	1	0	3
18	1	1	0	0	1	0	1	1	0	0	0	1	6
19	0	1	2	0	0	0	0	0	0	1	0	1	5
20	0	1	0	0	0	0	0	0	0	1	0	0	2
21	0	0	0	1	1	0	0	0	0	1	0	0	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	10	12	9	5	4	1	3	3	1	6	6	28	88

TABLE 3-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	0	0
05	*	*	*	*	*	*	*	*	*	*	*	0	0
06	*	*	*	*	*	*	*	*	*	*	*	0	0
07	*	0	*	*	*	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	0	*	*	*	*	*	*	*	*	*	0
11	*	*	*	*	100	*	*	*	*	*	*	100	100
12	*	*	*	*	*	*	*	*	*	*	*	0	0
13	*	0	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	100	*	*	*	*	*	*	*	*	*	100
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	100	*	*	100
18	*	*	*	*	*	*	100	100	*	*	*	*	100
19	*	0	*	*	*	*	*	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	0	50	*	100	*	100	100	*	100	*	17	40

STATION: ANSBACH AHP, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

TABLE 3-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	100	100
05	*	*	*	*	*	*	*	*	*	*	*	100	100
06	*	*	*	*	*	*	*	*	*	*	*	100	100
07	*	0	*	*	*	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	0	*	*	*	*	*	*	*	*	*	0
11	*	*	*	*	0	*	*	*	*	*	*	0	0
12	*	*	*	*	*	*	*	*	*	*	*	0	0
13	*	100	*	*	*	*	*	*	*	*	*	*	100
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	0	*	*	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	0	*	*	0
18	*	*	*	*	*	*	0	0	*	*	*	*	0
19	*	100	*	*	*	*	*	*	*	*	*	*	100
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	67	0	*	0	*	0	0	*	0	*	50	33

TABLE 3-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	0	0
05	*	*	*	*	*	*	*	*	*	*	*	0	0
06	*	*	*	*	*	*	*	*	*	*	*	100	100
07	*	0	*	*	*	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	0	*	*	*	*	*	*	*	*	*	0
11	*	*	*	*	0	*	*	*	*	*	*	0	0
12	*	*	*	*	*	*	*	*	*	*	*	0	0
13	*	0	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	0	*	*	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	0	*	*	0
18	*	*	*	*	*	*	0	0	*	*	*	*	0
19	*	0	*	*	*	*	*	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	0	0	*	0	*	0	0	*	0	*	17	7

STATION: ANSBACH AHP, FRG

WMO #: 107550

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 3-14 THRU 3-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	1	1
05	0	0	0	0	0	0	0	0	0	0	0	1	1
06	0	0	0	0	0	0	0	0	0	0	0	1	1
07	0	1	0	0	0	0	0	0	0	0	0	0	1
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	1	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	1	0	0	0	0	0	0	1	2
12	0	0	0	0	0	0	0	0	0	0	0	2	2
13	0	1	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	1	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	0	0	1
18	0	0	0	0	0	0	1	1	0	0	0	0	2
19	0	1	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	3	2	0	1	0	1	1	0	1	0	6	15

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

TABLE 4-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	15	14	8	3	3	2	5	6	7	10	13	12	8
01	14	16	9	5	3	3	3	6	8	12	10	14	9
02	15	16	12	5	4	3	3	7	6	10	12	12	9
03	18	16	11	4	3	3	3	8	8	12	13	13	9
04	15	15	11	3	4	3	6	7	7	13	15	13	9
05	17	16	10	5	6	5	10	11	8	12	12	12	10
06	16	20	13	6	7	9	15	18	14	15	16	13	14
07	19	20	16	7	11	14	21	28	22	20	15	16	18
08	20	23	15	11	13	16	25	31	27	22	19	22	20
09	19	22	15	11	14	17	24	31	27	22	22	22	21
10	19	25	18	11	16	17	24	33	26	21	24	21	21
11	20	25	19	13	18	21	28	35	27	23	19	23	23
12	22	25	22	17	20	25	36	38	30	25	21	22	25
13	24	25	24	18	20	25	39	42	33	27	20	21	27
14	21	22	21	17	23	25	40	50	35	28	19	20	27
15	19	23	20	14	16	22	39	45	33	27	20	20	25
16	18	22	22	12	12	19	37	45	28	20	20	16	23
17	13	22	17	9	9	11	23	31	19	17	18	16	17
18	16	19	15	5	5	5	12	16	11	15	13	15	12
19	15	19	11	4	4	4	8	9	8	14	15	12	10
20	14	17	9	4	3	3	5	6	7	13	13	15	9
21	13	16	9	3	3	3	4	6	6	11	14	13	8
22	13	15	7	3	3	3	5	8	7	10	12	14	8
23	14	14	7	3	4	3	4	6	6	12	12	12	8
ALL	17	19	14	8	9	11	18	22	17	17	16	16	15

TABLE 4-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	6	3	1	1	1	1	2	3	4	6	6	3
01	7	7	3	3	1	0	2	2	4	4	4	6	4
02	7	6	5	2	2	1	2	2	3	4	6	6	4
03	7	7	4	1	1	0	1	3	4	4	6	5	4
04	6	7	3	1	2	1	2	3	2	5	7	5	4
05	8	7	4	1	2	1	2	4	3	7	7	4	4
06	8	8	6	2	3	3	5	9	5	7	9	6	6
07	9	10	8	2	3	5	8	11	6	9	8	9	7
08	9	12	5	3	6	6	12	15	10	10	10	9	9
09	9	14	7	3	6	7	10	16	9	10	11	8	9
10	8	14	7	3	5	7	10	19	11	10	11	10	9
11	7	14	8	3	7	7	10	17	10	12	9	12	10
12	8	12	5	4	5	8	12	20	9	11	10	10	10
13	8	13	6	4	7	8	15	16	11	12	10	8	10
14	6	9	6	2	7	7	16	22	10	10	9	7	9
15	6	10	7	4	6	6	14	18	10	9	8	7	9
16	7	9	7	2	4	6	13	13	7	6	6	6	7
17	8	10	5	2	3	3	6	7	5	5	7	6	5
18	5	10	6	2	1	1	3	4	3	7	4	6	4
19	6	5	3	1	2	1	3	2	3	6	6	3	4
20	6	6	5	1	1	1	1	2	3	6	6	5	4
21	8	5	4	1	1	1	2	1	3	5	4	5	3
22	5	6	4	1	1	2	1	3	2	4	3	5	3
23	8	6	3	1	1	1	2	3	1	6	5	4	3
ALL	7	9	5	2	3	4	7	9	6	7	7	7	6

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

TABLE 4-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	2	2	0	1	0	1	1	1	2	3	3	1
01	4	3	1	1	1	0	1	0	1	2	1	2	1
02	4	3	2	1	0	0	1	0	1	2	1	3	2
03	4	3	1	0	0	0	0	1	1	1	2	2	1
04	4	3	1	0	0	1	1	1	0	2	2	3	1
05	3	2	2	0	1	1	1	2	1	3	2	1	2
06	4	3	2	1	1	1	1	3	1	3	3	2	2
07	4	4	4	0	1	1	4	4	1	3	5	2	3
08	5	5	2	0	1	2	3	6	3	5	5	3	3
09	3	6	3	1	2	3	5	6	3	5	6	3	4
10	4	6	3	0	1	3	3	5	2	4	4	5	3
11	3	6	3	0	3	2	3	6	4	5	5	5	4
12	3	6	2	1	1	2	3	7	1	6	4	3	3
13	4	5	2	1	2	1	4	5	2	5	5	4	3
14	2	5	2	1	1	2	4	6	3	3	3	3	3
15	3	3	1	1	1	2	5	6	2	3	3	4	3
16	3	4	2	1	1	2	3	4	1	2	2	3	2
17	3	4	2	1	1	2	2	2	1	4	3	4	2
18	2	4	1	1	0	1	1	1	2	3	1	2	2
19	3	3	1	1	0	0	1	1	0	2	2	1	1
20	3	3	2	0	0	1	0	0	1	3	1	2	1
21	3	2	2	0	1	1	2	0	1	3	2	1	1
22	2	3	1	0	0	1	1	1	1	2	1	2	1
23	2	2	2	0	1	1	1	2	0	3	2	1	1
ALL	3	4	2	0	1	1	2	3	2	3	3	3	2

TABLE 4-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	1	0	0	0	0	0	0	1	1	1	0
01	2	2	1	0	0	0	0	0	0	1	0	1	1
02	2	1	1	0	0	0	0	0	0	1	1	1	1
03	2	2	0	0	0	0	0	0	0	1	1	1	0
04	2	1	1	0	0	0	0	0	0	1	0	1	0
05	1	1	1	0	0	1	0	1	0	2	1	1	1
06	1	2	2	0	1	0	1	1	1	1	1	1	1
07	1	2	2	0	1	1	1	1	0	1	1	1	1
08	2	1	1	0	0	1	1	1	0	1	2	1	1
09	1	3	2	0	0	1	2	1	1	2	2	0	1
10	1	2	1	0	0	0	1	1	0	1	1	1	1
11	1	1	1	0	0	0	1	1	1	1	1	2	1
12	1	2	1	0	0	1	1	1	1	2	1	1	1
13	2	1	0	0	0	0	2	1	0	1	1	1	1
14	2	1	0	0	0	0	1	1	1	1	1	1	1
15	1	1	0	1	0	1	2	1	0	1	0	1	1
16	2	2	0	1	0	1	1	0	0	0	1	2	1
17	2	2	1	0	0	0	0	0	0	1	1	2	1
18	1	1	1	1	0	0	0	0	0	1	1	1	0
19	1	1	0	0	0	0	1	1	0	1	0	0	1
20	1	1	1	0	0	0	0	0	0	1	0	1	0
21	2	1	0	0	0	0	1	0	1	1	1	1	1
22	1	1	1	0	0	0	0	1	0	0	0	1	0
23	1	1	1	0	0	0	1	0	0	1	1	1	1
ALL	1	1	1	0	0	0	1	0	0	1	1	1	1

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 4-1 THRU 4-4:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	383	354	371	361	352	323	351	356	354	378	355	371	4309
01	376	357	374	367	367	327	349	361	342	385	345	377	4327
02	379	341	371	350	351	349	343	362	355	367	353	365	4286
03	378	346	380	360	360	343	338	349	356	383	347	382	4322
04	395	343	372	363	339	340	337	352	353	377	354	368	4293
05	385	339	386	363	355	363	360	379	370	368	354	366	4388
06	385	343	364	361	356	335	355	352	352	384	344	366	4297
07	380	351	372	369	362	341	355	370	356	379	349	376	4360
08	385	333	389	354	357	344	360	376	356	380	345	359	4338
09	375	339	373	370	360	337	363	368	369	379	353	371	4357
10	359	348	376	359	346	350	364	360	368	375	360	365	4330
11	366	338	380	357	359	364	364	384	383	387	351	373	4406
12	383	343	376	368	355	346	366	367	367	365	351	372	4359
13	366	354	365	373	353	338	369	366	361	378	363	360	4346
14	370	329	373	363	353	344	373	367	368	381	359	354	4334
15	381	344	357	368	359	341	363	373	373	381	377	379	4396
16	374	350	385	371	354	343	353	369	369	372	363	371	4374
17	386	343	393	374	355	347	376	366	368	387	369	389	4453
18	371	353	379	377	367	354	366	377	361	379	366	379	4429
19	392	361	386	355	367	353	366	373	358	378	372	375	4436
20	385	351	379	369	359	343	364	375	356	383	374	386	4424
21	371	346	378	357	363	347	365	359	361	380	367	387	4381
22	382	353	379	365	351	354	361	365	347	364	362	369	4352
23	368	344	383	374	349	345	359	354	348	347	336	370	4277
ALL	9075	8303	9041	8748	8549	8271	8620	8780	8651	9037	8569	8930	104574

TABLE 4-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	17	14	17	30	0	0	0	0	4	5	13	15	11
01	19	19	9	12	0	0	0	0	0	9	14	14	11
02	19	18	13	6	14	0	0	0	0	3	5	20	11
03	16	17	9	15	9	0	0	0	0	7	15	19	11
04	16	12	12	0	0	0	5	0	0	6	11	19	10
05	19	13	10	18	0	0	3	0	0	9	14	18	10
06	17	15	13	5	0	0	0	0	0	5	7	21	8
07	10	19	10	7	2	0	0	0	0	4	8	26	7
08	9	13	3	0	0	2	0	0	0	7	5	18	5
09	10	11	7	2	0	2	1	0	0	4	8	7	4
10	6	11	12	5	2	0	0	0	1	1	5	14	5
11	8	11	5	2	2	0	0	1	1	3	4	15	4
12	7	8	6	2	1	0	0	0	1	3	4	9	3
13	11	13	3	6	4	1	0	0	2	7	1	9	4
14	17	12	8	5	6	0	1	1	2	8	9	10	5
15	12	15	8	6	0	0	0	1	1	3	9	8	4
16	17	16	11	9	0	0	0	1	1	5	13	11	6
17	25	15	15	6	0	0	0	0	0	6	12	11	7
18	12	11	18	10	11	0	2	2	5	7	10	11	9
19	17	14	5	8	15	0	4	0	7	13	7	7	9
20	16	15	17	15	10	9	0	0	4	15	15	14	13
21	20	11	9	0	0	0	0	0	9	18	8	6	9
22	16	8	7	0	0	0	0	0	0	14	14	13	9
23	22	10	11	30	0	0	0	0	5	15	10	22	13
ALL	14	13	9	6	3	0	0	0	1	7	9	14	7

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

TABLE 4-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	3	0	0	0	0	0	0	0	0	0	0	1
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	1	4	0	0	0	0	0	0	0	0	0	0	1
04	0	4	0	0	0	0	0	0	0	0	0	0	0
05	2	6	0	0	0	0	0	0	0	0	0	0	1
06	0	1	0	0	0	0	0	0	0	0	2	2	1
07	3	1	0	0	0	0	0	0	0	0	0	0	0
08	0	1	0	0	0	0	0	0	0	0	0	0	0
09	0	3	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	0	0	0	0	0	0	0	0	0	0
11	0	1	0	0	0	0	0	0	0	0	0	0	0
12	0	1	0	0	0	0	0	0	0	0	0	1	0
13	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	0	0	0	0	0	0	0	0	0	0	0
16	1	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	0	0	0	0	0	0	0	0	0	0	0
20	2	0	0	0	0	0	0	0	0	0	0	0	0
21	0	2	0	0	0	0	0	0	0	0	0	0	0
22	0	2	0	0	0	0	0	0	0	0	0	0	0
23	0	4	0	0	0	0	0	0	0	0	0	0	1
ALL	0	1	0	0	0	0	0	0	0	0	0	0	0

TABLE 4-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	0	0	0	0	0	0	0	0	0	0	0
01	0	2	0	0	0	0	0	0	0	0	0	0	0
02	0	0	2	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	2	4	0	0	0	0	0	0	0	0	0	0	1
05	2	2	0	0	0	0	0	0	0	0	0	0	0
06	2	0	0	0	0	0	0	0	0	0	0	0	0
07	1	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	1	0	0	0	0	0	0	0	0	1	0	0
10	0	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	1	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	2	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	2	0	0	0	0	0	0	0	0	0	0	0	0
21	2	0	0	0	0	0	0	0	0	0	0	0	0
22	0	2	0	0	0	0	0	0	0	0	0	0	0
23	2	4	0	0	0	0	0	0	0	0	0	0	1
ALL	1	1	0	0	0	0	0	0	0	0	0	0	0

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 4-5 THRU 4-7:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	58	50	30	10	10	7	17	22	24	39	45	45	357
01	52	58	34	16	11	9	11	21	28	46	35	50	371
02	58	55	45	17	14	10	11	25	21	35	44	45	380
03	65	53	43	13	11	9	11	29	29	46	46	47	402
04	60	52	41	10	14	9	19	26	23	49	51	48	402
05	64	54	40	17	23	18	35	43	30	43	44	45	456
06	63	66	48	22	26	28	53	64	49	57	56	48	580
07	70	69	60	27	41	46	76	102	79	77	53	61	761
08	76	73	59	37	46	54	89	116	97	84	63	80	874
09	73	74	57	42	51	56	88	113	97	81	77	83	892
10	67	88	68	39	54	59	85	115	97	79	85	77	913
11	75	85	74	45	66	75	101	132	102	88	67	83	993
12	82	86	83	62	72	86	131	137	107	92	75	81	1094
13	87	86	86	67	68	86	143	154	119	100	74	75	1145
14	78	73	77	63	81	85	148	181	128	105	70	70	1159
15	74	78	71	52	59	75	140	163	123	103	75	77	1090
16	68	77	84	43	44	65	129	163	103	76	71	60	983
17	51	74	68	32	31	38	82	111	71	64	65	61	748
18	60	65	55	20	19	18	44	60	38	55	48	55	537
19	60	69	41	13	13	13	28	32	28	51	55	43	446
20	54	60	35	13	10	11	19	22	24	48	48	57	401
21	50	56	32	9	10	10	16	19	23	40	52	51	368
22	51	52	28	11	9	9	18	29	23	37	41	52	360
23	50	48	28	9	13	9	14	23	20	40	38	45	337
ALL	1546	1601	1287	689	796	885	1508	1902	1483	1535	1378	1439	16049

TABLE 4-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	17	19	20	0	0	0	0	0	0	6	17	27	14
01	23	25	27	18	0	0	0	0	0	18	7	14	15
02	21	24	18	13	17	0	0	0	0	0	5	22	13
03	21	13	7	0	0	0	0	0	0	13	10	17	11
04	24	12	9	0	0	0	17	0	0	0	8	25	11
05	33	17	13	0	0	0	14	0	0	13	16	19	15
06	16	18	14	17	0	0	0	0	0	7	3	33	9
07	14	17	17	22	0	0	0	0	0	3	0	18	8
08	17	18	5	0	0	5	0	0	0	8	6	24	7
09	19	11	12	0	0	0	3	0	0	8	10	16	7
10	14	20	4	20	0	0	0	0	3	3	5	14	6
11	15	15	7	0	4	0	0	0	3	7	6	18	6
12	16	12	16	8	0	0	0	0	3	0	6	14	5
13	28	15	5	0	0	4	0	0	2	9	3	14	6
14	25	10	18	0	0	0	0	0	5	5	10	15	6
15	21	25	13	7	0	0	0	0	0	0	13	11	6
16	29	21	11	43	0	0	0	0	4	10	20	13	10
17	34	24	15	25	0	0	0	0	0	14	28	13	15
18	15	14	26	14	0	0	0	0	8	12	8	9	11
19	30	26	8	20	14	0	9	0	20	17	9	8	16
20	23	9	17	0	0	20	0	0	8	13	22	16	14
21	25	13	13	0	0	0	0	0	8	20	13	11	13
22	25	14	7	0	0	0	0	0	0	13	8	12	11
23	29	15	10	0	0	0	0	0	0	14	18	31	16
ALL	22	17	13	10	1	1	1	0	2	8	10	17	9

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

TABLE 4-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	8	0	0	0	0	0	0	0	0	0	0	1
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	4	0	0	0	0	0	0	0	0	0	0	1
05	3	4	0	0	0	0	0	0	0	0	0	0	1
06	0	0	0	0	0	0	0	0	0	0	3	0	0
07	3	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	2	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	2	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	3	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	3	0	0	0	0	0	0	0	0	0	0	0
16	4	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	6	0	0	0	0	0	0	0	0	0	0	1
22	0	5	0	0	0	0	0	0	0	0	0	0	1
23	0	5	0	0	0	0	0	0	0	0	0	0	1
ALL	0	1	0	0	0	0	0	0	0	0	0	0	0

TABLE 4-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	4	0	0	0	0	0	0	0	0	0	0	1
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	4	4	0	0	0	0	0	0	0	0	0	0	1
05	3	0	0	0	0	0	0	0	0	0	0	0	1
06	3	0	0	0	0	0	0	0	0	0	0	0	0
07	3	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	3	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	5	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	4	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	5	0	0	0	0	0	0	0	0	0	0	1
ALL	1	0	0	0	0	0	0	0	0	0	0	0	0

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 4-8 THRU 4-10:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	23	21	10	4	3	2	5	7	10	17	23	21	146
01	25	24	11	10	4	1	6	6	15	17	14	21	154
02	28	21	17	8	6	3	6	7	10	16	21	23	166
03	26	22	15	5	3	1	5	11	14	15	21	18	156
04	25	25	11	3	7	4	6	10	6	19	22	20	158
05	30	24	15	2	8	3	7	15	10	23	25	16	178
06	32	28	21	6	10	10	18	31	17	27	31	21	252
07	36	35	29	9	11	17	30	41	23	33	29	33	326
08	35	38	21	11	20	22	43	58	37	38	33	33	389
09	32	46	25	10	22	25	37	59	32	38	40	31	397
10	29	49	25	10	16	25	37	64	40	36	39	35	405
11	27	47	29	11	24	25	38	64	40	46	33	43	427
12	31	40	19	13	19	27	44	71	33	41	36	36	410
13	29	46	22	14	25	28	55	57	41	45	38	28	428
14	24	29	22	9	26	24	61	78	37	38	31	25	404
15	24	36	23	14	21	20	52	64	37	36	31	27	385
16	28	33	27	7	14	19	47	48	24	21	20	22	310
17	29	32	20	8	9	11	23	24	18	20	25	23	242
18	20	35	23	7	4	2	12	15	12	25	13	23	191
19	23	19	13	5	7	5	11	8	10	23	22	12	158
20	22	22	18	2	3	5	5	7	12	24	23	18	161
21	28	16	15	2	5	4	8	5	12	20	16	18	149
22	20	22	14	2	3	7	3	11	6	16	12	17	133
23	28	20	10	2	2	5	7	12	5	21	17	16	145
ALL	654	730	455	174	272	295	566	773	501	655	615	580	6270

TABLE 4-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	14	29	0	*	0	0	0	0	0	0	20	17	12
01	33	25	0	0	0	*	0	0	0	29	0	17	18
02	29	30	22	25	0	0	0	0	0	0	0	18	18
03	29	20	0	*	*	0	0	0	0	25	0	38	17
04	20	22	25	0	0	0	0	0	0	0	13	36	17
05	50	29	25	*	0	0	0	0	0	17	14	60	24
06	24	20	33	33	0	0	0	0	0	0	0	56	15
07	21	33	27	0	0	0	0	0	0	8	0	22	12
08	28	13	11	*	0	14	0	0	0	10	6	55	12
09	25	14	17	0	0	0	6	0	0	11	9	17	9
10	29	24	8	*	0	0	0	0	13	7	0	18	11
11	33	16	0	*	11	0	0	0	7	11	13	11	9
12	25	10	29	50	0	0	0	0	0	0	7	8	7
13	47	0	0	0	0	0	0	0	0	10	0	15	8
14	57	20	38	0	0	0	0	0	0	8	10	27	12
15	30	25	33	20	0	0	0	0	0	0	18	14	9
16	60	27	29	33	0	0	0	0	20	22	43	17	21
17	42	15	50	50	0	0	0	0	0	7	40	20	19
18	22	27	40	33	0	0	0	0	17	9	0	0	16
19	27	20	25	0	100	0	25	0	0	0	25	25	19
20	30	11	14	0	*	0	0	*	25	20	20	0	16
21	36	0	14	*	0	0	0	0	33	17	33	25	17
22	44	17	20	0	0	0	0	0	0	11	0	17	15
23	50	14	13	0	0	0	0	0	0	22	14	33	17
ALL	33	19	19	16	3	1	1	0	5	10	11	22	13

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

TABLE 4-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	0	0	0	0	0	0	0	0	0
01	0	17	0	0	0	*	0	0	0	0	0	0	3
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	*	*	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	8	0	0	*	0	0	0	0	0	0	0	0	1
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	7	0	0	0	0	0	0	0	0	0	0	0	1
08	0	0	0	*	0	0	0	0	0	0	0	0	0
09	0	5	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	*	0	0	0	0	0	0	0	0	0
11	0	5	0	*	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	*	0	0	*	0	0	0	0	0
21	0	0	0	*	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	1	0	0	0	0	0	0	0	0	0	0	0

TABLE 4-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	0	0	0	0	0	0	0	0	0
01	0	8	0	0	0	*	0	0	0	0	0	0	2
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	*	*	0	0	0	0	0	0	0	0
04	7	0	0	0	0	0	0	0	0	0	0	0	2
05	8	0	0	*	0	0	0	0	0	0	0	0	1
06	6	0	0	0	0	0	0	0	0	0	0	0	1
07	7	0	0	0	0	0	0	0	0	0	0	0	1
08	0	0	0	*	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	*	0	0	0	0	0	0	0	0	0
11	0	0	0	*	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	*	0	0	*	0	0	0	0	0
21	0	0	0	*	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	0	0	0	0	0	0	0	0	0	0	0	0

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 4-11 THRU 4-13:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	7	7	6	0	2	1	2	2	3	6	10	11	57
01	15	12	5	3	2	0	2	1	5	7	2	6	60
02	14	10	9	4	1	1	4	1	2	6	5	11	68
03	12	10	4	0	0	1	1	5	5	4	7	8	57
04	15	9	4	1	1	2	2	3	1	6	8	11	63
05	12	7	8	0	2	2	3	6	4	11	7	5	67
06	17	10	9	5	4	4	5	10	5	10	12	9	98
07	14	15	15	1	3	5	15	14	5	12	17	9	125
08	18	15	9	0	3	7	11	23	10	20	18	11	145
09	12	22	12	3	7	9	18	23	10	18	22	12	168
10	14	21	12	0	5	9	10	17	8	15	13	17	141
11	12	19	12	0	9	8	10	22	14	18	16	17	157
12	12	19	7	2	2	8	12	26	5	21	14	13	141
13	15	18	7	5	6	3	15	18	9	20	17	13	146
14	7	15	8	3	4	7	15	20	11	12	10	10	122
15	10	12	3	5	5	8	19	24	7	11	11	14	129
16	10	15	7	3	3	6	11	14	5	9	7	12	102
17	12	13	6	2	2	6	8	7	5	15	10	15	101
18	9	15	5	3	1	2	2	3	6	11	3	8	68
19	11	10	4	2	1	1	4	3	1	9	8	4	58
20	10	9	7	1	0	4	1	0	4	10	5	6	57
21	11	8	7	0	2	3	6	1	3	12	6	4	63
22	9	12	5	1	1	3	3	3	2	9	5	6	59
23	8	7	8	1	2	2	4	6	1	9	7	3	58
ALL	286	310	179	43	68	102	183	252	131	281	240	235	2310

TABLE 4-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	25	50	0	*	*	*	0	*	0	0	33	0	17
01	14	38	0	*	*	*	*	*	0	50	*	50	29
02	17	40	67	*	*	0	*	*	*	0	0	0	23
03	50	17	0	*	*	0	*	*	*	50	0	50	30
04	33	33	50	*	*	0	*	*	*	0	0	50	32
05	50	50	33	*	0	0	0	0	*	17	0	100	29
06	50	29	50	*	0	0	0	0	0	0	0	100	24
07	33	50	33	0	0	0	0	0	*	0	0	50	19
08	43	25	20	*	*	0	0	0	*	20	17	67	23
09	33	11	17	*	0	0	0	0	0	29	17	0	13
10	40	14	20	*	*	0	0	0	0	0	0	67	18
11	40	0	0	*	0	0	0	0	0	40	20	0	13
12	50	17	67	*	0	0	0	0	0	0	0	0	14
13	57	20	*	0	*	0	0	0	0	40	0	25	23
14	67	25	0	0	0	0	0	0	0	0	25	50	22
15	75	33	*	20	*	0	0	0	*	0	*	25	18
16	67	29	100	0	*	0	0	0	0	0	25	33	28
17	50	17	50	0	*	*	0	*	*	0	0	13	19
18	50	50	33	50	*	*	0	*	*	0	0	0	26
19	60	20	0	*	*	*	0	0	0	0	0	0	17
20	25	33	50	*	*	0	0	*	0	0	*	0	19
21	33	0	*	*	*	0	0	0	0	25	50	0	18
22	67	0	0	*	0	0	*	0	0	0	*	0	11
23	60	33	0	*	*	0	0	0	0	40	0	50	27
ALL	45	25	29	15	0	0	0	0	0	16	11	29	21

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

TABLE 4-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	0	*	0	0	0	0	0
01	0	0	0	*	*	*	*	*	0	0	*	0	0
02	0	0	0	*	*	0	*	*	*	0	0	0	0
03	0	0	0	*	*	0	*	*	*	0	0	0	0
04	0	0	0	*	*	0	*	*	*	0	0	0	0
05	25	0	0	*	0	0	0	0	*	0	0	0	4
06	0	0	0	*	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	*	0	0	0	0
08	0	0	0	*	*	0	0	0	*	0	0	0	0
09	0	11	0	*	0	0	0	0	0	0	0	0	2
10	0	0	0	*	*	0	0	0	0	0	0	0	0
11	0	0	0	*	0	0	0	0	0	0	0	0	0
12	0	0	0	*	0	0	0	0	0	0	0	0	0
13	0	0	*	0	*	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	*	0	*	0	0	0	*	0	*	0	0
16	0	0	0	0	*	0	0	0	0	0	0	0	0
17	0	0	0	0	*	*	0	*	*	0	0	0	0
18	0	0	0	0	*	*	0	*	*	0	0	0	0
19	0	0	0	*	*	*	0	0	0	0	0	0	0
20	0	0	0	*	*	0	0	*	0	0	*	0	0
21	0	0	*	*	*	0	0	0	0	0	0	0	0
22	0	0	0	*	0	0	*	0	0	0	*	0	0
23	0	0	0	*	*	0	0	0	0	0	0	0	0
ALL	1	1	0	0	0	0	0	0	0	0	0	0	0

TABLE 4-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	0	*	0	0	0	0	0
01	0	0	0	*	*	*	*	*	0	0	*	0	0
02	0	0	0	*	*	0	*	*	*	0	0	0	0
03	0	0	0	*	*	0	*	*	*	0	0	0	0
04	17	0	0	*	*	0	*	*	*	0	0	0	5
05	25	0	0	*	0	0	0	0	*	0	0	0	4
06	0	0	0	*	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	*	0	0	0	0
08	0	0	0	*	*	0	0	0	*	0	0	0	0
09	0	0	0	*	0	0	0	0	0	0	0	0	0
10	0	0	0	*	*	0	0	0	0	0	0	0	0
11	0	0	0	*	0	0	0	0	0	0	0	0	0
12	0	0	0	*	0	0	0	0	0	0	0	0	0
13	0	0	*	0	*	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	*	0	*	0	0	0	*	0	*	0	0
16	0	0	0	0	*	0	0	0	0	0	0	0	0
17	0	0	0	0	*	*	0	*	*	0	0	0	0
18	0	0	0	0	*	*	0	*	*	0	0	0	0
19	0	0	0	*	*	*	0	0	0	0	0	0	0
20	0	0	0	*	*	0	0	*	0	0	*	0	0
21	0	0	*	*	*	0	0	0	0	0	0	0	0
22	0	0	0	*	0	0	*	0	0	0	*	0	0
23	0	0	0	*	*	0	0	0	0	0	0	0	0
ALL	2	0	0	0	0	0	0	0	0	0	0	0	0

STATION: ATHENS (HELLENIKON), GR WMO #: 167160

RUNWAY HEADING: 150-330

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 4-14 THRU 4-16:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	2	2	0	0	0	1	0	1	2	3	2	17
01	7	8	2	0	0	0	0	0	1	4	0	2	24
02	6	5	3	0	0	1	0	0	0	2	3	2	22
03	5	6	1	0	0	1	0	0	0	2	2	2	19
04	6	3	2	0	0	1	0	0	0	2	1	4	19
05	4	4	3	0	1	2	1	2	0	6	3	2	28
06	4	7	6	0	3	1	2	3	2	4	3	2	37
07	3	6	6	1	2	3	4	4	0	3	2	2	36
08	7	4	5	0	0	3	4	3	0	5	6	3	40
09	3	9	6	0	1	2	6	5	2	7	6	1	48
10	5	7	5	0	0	1	2	3	1	4	2	3	33
11	5	3	3	0	1	1	3	3	2	5	5	7	38
12	4	5	3	0	1	2	2	3	2	7	3	3	35
13	7	5	0	1	0	1	6	2	1	5	3	4	35
14	6	4	1	1	1	1	2	4	2	5	4	3	34
15	4	3	0	5	0	2	9	3	0	4	0	4	34
16	6	7	1	2	0	2	5	1	1	1	4	6	36
17	6	6	2	1	0	0	1	0	0	3	4	8	31
18	4	2	3	2	0	0	1	0	0	3	2	2	19
19	5	5	1	0	0	0	3	2	1	4	1	1	23
20	4	3	2	0	0	1	1	0	1	2	0	2	16
21	6	2	0	0	0	1	2	1	2	4	2	2	22
22	3	4	3	0	1	1	0	2	1	1	0	2	18
23	5	3	3	0	0	1	2	1	1	5	3	2	26
ALL	119	113	63	13	11	28	57	42	21	90	62	71	690

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

TABLE 5-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	1	0	0	0	0	1	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	1	0	0	0
02	0	0	0	1	0	0	0	0	0	0	0	0	0
03	0	0	0	1	0	0	0	0	0	0	0	0	0
04	0	1	1	0	0	0	0	0	0	0	0	0	0
05	1	0	0	0	0	0	0	0	0	0	0	1	0
06	0	0	0	1	0	0	0	1	0	1	0	0	0
07	0	0	0	1	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	1	0	0	0	0	0	0	0	0	0
10	0	0	2	0	0	0	0	0	0	0	0	0	0
11	0	1	1	0	0	1	1	0	0	0	0	0	0
12	2	1	1	2	0	0	1	0	0	0	0	0	1
13	0	1	0	2	2	1	0	0	0	0	0	0	1
14	0	2	1	3	0	1	1	0	0	0	0	0	1
15	1	0	1	2	0	1	1	0	0	1	0	0	1
16	0	0	1	2	1	2	1	2	0	0	0	0	1
17	0	1	0	0	2	0	1	0	0	1	0	0	1
18	1	1	0	0	2	0	1	0	0	0	0	1	1
19	0	0	0	0	0	0	1	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	0	1	0	0	0	0	0
22	1	0	1	0	0	0	0	1	0	0	0	0	0
23	1	1	1	1	0	1	1	1	0	1	0	0	0
ALL	0	0	0	1	0	0	0	0	0	0	0	0	0

TABLE 5-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	1	0	0	0	0	0	0	0	0	0
14	0	1	0	1	0	0	0	0	0	0	0	0	0
15	0	0	0	1	0	0	1	0	0	1	0	0	0
16	0	0	0	0	1	0	0	2	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	0	0	0	0	0
22	1	0	1	0	0	0	0	0	0	0	0	0	0
23	1	0	0	0	0	0	1	1	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

TABLE 5-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	0	0	0	0	0
22	1	0	1	0	0	0	0	0	0	0	0	0	0
23	1	0	0	0	0	0	1	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 5-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	1	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 5-1 THRU 5-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	148	128	161	125	145	148	150	150	155	148	162	174	1794
01	154	131	167	136	143	143	151	152	158	159	153	167	1814
02	156	126	173	146	149	149	158	160	161	151	155	179	1863
03	165	139	171	142	152	150	152	154	165	156	159	180	1885
04	167	140	165	143	163	216	229	230	213	152	163	184	2165
05	256	216	261	247	252	219	216	228	228	249	237	265	2874
06	255	221	255	248	249	228	242	242	229	256	244	274	2943
07	256	210	259	243	248	234	251	255	238	261	250	265	2970
08	254	215	256	247	243	233	248	256	233	250	245	264	2944
09	252	210	255	245	241	236	241	258	236	252	238	263	2927
10	253	216	259	245	253	239	246	255	231	250	242	263	2952
11	255	218	258	248	250	246	248	258	237	251	241	271	2981
12	245	214	259	243	248	232	243	249	234	249	249	269	2934
13	256	217	257	249	258	241	250	261	237	255	243	268	2992
14	253	216	260	252	252	233	232	257	238	241	237	264	2935
15	251	220	261	250	260	238	243	260	233	252	246	269	2983
16	255	217	261	247	254	218	224	236	241	253	247	274	2927
17	245	219	257	247	247	223	230	229	239	259	248	271	2914
18	244	215	255	241	250	222	226	233	234	251	237	259	2867
19	231	217	259	229	250	219	226	234	245	256	250	256	2872
20	231	207	258	218	242	210	229	239	244	246	228	256	2808
21	245	207	263	220	230	148	156	153	175	252	240	261	2550
22	153	131	168	124	145	147	158	155	159	151	152	175	1818
23	149	130	168	125	148	147	152	152	150	161	164	176	1822
		4580		5060		4919		5256		5361		5747	
ALL	5329		5566		5272		5101		5113		5230		62534

TABLE 5-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	100	*	*	*	*	100	*	*	*	*	100
01	*	*	*	*	*	*	*	*	*	100	*	*	100
02	*	*	*	50	*	*	*	*	*	*	*	*	50
03	*	*	*	0	*	*	*	*	*	*	*	*	0
04	*	100	100	*	*	*	*	*	*	*	*	*	100
05	50	*	*	*	*	*	0	*	*	100	*	50	50
06	*	*	*	0	100	*	100	0	0	100	*	*	44
07	*	100	*	50	*	*	*	*	*	100	*	100	80
08	*	100	100	0	*	*	*	*	*	*	*	*	67
09	100	100	100	0	100	*	*	*	*	*	*	*	67
10	0	100	75	0	0	*	*	0	*	0	*	*	40
11	0	0	50	0	*	0	50	*	0	100	*	100	31
12	75	0	0	0	*	0	100	*	*	100	*	*	39
13	*	0	*	20	50	33	100	*	*	0	*	0	29
14	*	25	0	13	100	50	50	100	*	0	*	*	27
15	50	0	0	50	0	0	0	100	*	50	*	*	29
16	*	*	33	60	50	25	33	60	0	*	*	*	43
17	0	50	0	*	33	100	100	100	*	50	0	*	47
18	50	0	*	*	100	0	50	100	100	*	*	100	71
19	100	*	*	*	100	0	50	0	*	*	*	0	43
20	*	100	*	*	100	*	*	*	*	*	*	*	100
21	0	*	100	*	100	100	*	0	*	100	*	0	50
22	0	*	0	*	*	*	*	100	*	*	*	*	25
23	0	0	100	0	*	100	100	100	*	0	*	*	50
ALL	44	36	44	23	65	32	59	56	25	63	0	56	45

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

TABLE 5-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	0	*	*	*	*	0	*	*	*	*	0
01	*	*	*	*	*	*	*	*	*	0	*	*	0
02	*	*	*	0	*	*	*	*	*	*	*	*	0
03	*	*	*	0	*	*	*	*	*	*	*	*	0
04	*	0	0	*	*	*	*	*	*	*	*	*	0
05	0	*	*	*	*	*	0	*	*	0	*	0	0
06	*	*	*	0	0	*	0	0	0	0	*	*	0
07	*	0	*	0	*	*	*	*	*	0	*	0	0
08	*	0	0	0	*	*	*	*	*	*	*	*	0
09	0	0	0	0	0	*	*	*	*	*	*	*	0
10	0	0	0	0	0	*	*	0	*	0	*	*	0
11	0	0	0	0	*	0	0	*	0	0	*	0	0
12	0	0	0	0	*	0	0	*	*	0	*	*	0
13	*	0	*	0	0	0	0	*	*	0	*	0	0
14	*	0	0	0	0	0	0	0	*	0	*	*	0
15	0	0	0	0	0	0	0	0	*	0	*	*	0
16	*	*	0	0	0	0	0	0	0	*	*	*	0
17	0	0	0	*	0	0	0	0	*	0	0	*	0
18	50	0	*	*	0	0	0	0	0	*	*	0	6
19	0	*	*	*	0	0	0	0	*	*	*	0	0
20	*	0	*	*	0	*	*	*	*	*	*	*	0
21	0	*	0	*	0	0	*	0	*	0	*	0	0
22	0	*	0	*	*	*	*	0	*	*	*	*	0
23	0	0	0	0	*	0	0	0	*	0	*	*	0
ALL	6	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 5-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	0	*	*	*	*	0	*	*	*	*	0
01	*	*	*	*	*	*	*	*	*	0	*	*	0
02	*	*	*	0	*	*	*	*	*	*	*	*	0
03	*	*	*	0	*	*	*	*	*	*	*	*	0
04	*	0	0	*	*	*	*	*	*	*	*	*	0
05	0	*	*	*	*	*	0	*	*	0	*	0	0
06	*	*	*	0	0	*	*	0	0	0	*	*	0
07	*	0	*	0	*	*	*	*	*	0	*	*	0
08	*	0	0	0	*	*	*	*	*	*	*	*	0
09	0	0	0	0	0	*	*	*	*	*	*	*	0
10	0	0	0	0	0	*	*	0	*	0	*	*	0
11	0	0	0	0	*	0	0	*	0	0	*	0	0
12	0	50	0	0	*	0	0	*	*	0	*	*	6
13	*	0	*	0	0	0	0	*	*	0	*	0	0
14	*	0	0	0	*	0	0	0	*	0	*	*	0
15	0	0	0	0	0	0	0	0	*	0	*	*	0
16	*	*	0	0	0	0	0	0	0	*	*	*	0
17	0	0	0	*	0	0	0	0	*	0	0	*	0
18	0	0	*	*	0	0	0	*	0	*	*	0	0
19	0	*	*	*	0	0	0	0	*	*	*	0	0
20	*	0	*	*	0	*	*	*	*	*	*	*	0
21	0	*	0	*	0	0	*	0	*	0	*	0	0
22	0	*	0	*	*	*	*	0	*	*	*	*	0
23	0	0	0	0	*	0	0	0	*	0	*	*	0
ALL	0	5	0	0	0	0	0	0	0	0	0	0	0

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 5-5 THRU 5-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	1	0	0	0	0	1	0	0	0	0	2
01	0	0	0	0	0	0	0	0	0	1	0	0	1
02	0	0	0	2	0	0	0	0	0	0	0	0	2
03	0	0	0	1	0	0	0	0	0	0	0	0	1
04	0	1	1	0	0	0	0	0	0	0	0	0	2
05	2	0	0	0	0	0	1	0	0	1	0	2	6
06	0	0	0	2	1	0	0	2	1	2	0	0	8
07	0	1	0	2	0	0	0	0	0	1	0	0	4
08	0	1	1	1	0	0	0	0	0	0	0	0	3
09	1	1	1	2	1	0	0	0	0	0	0	0	6
10	1	1	4	1	1	0	0	1	0	1	0	0	10
11	1	2	2	1	0	2	2	0	1	1	0	1	13
12	4	2	2	5	0	1	3	0	0	1	0	0	18
13	0	2	0	5	4	2	1	0	0	1	0	1	16
14	0	4	3	8	0	1	2	1	0	1	0	0	20
15	2	1	2	4	1	2	2	1	0	2	0	0	17
16	0	0	3	5	2	4	3	5	1	0	0	0	23
17	1	2	1	0	6	1	2	1	0	2	1	0	17
18	2	2	0	0	6	1	2	0	1	0	0	2	16
19	1	0	0	0	1	1	2	1	0	0	0	1	7
20	0	1	0	0	1	0	0	0	0	0	0	0	2
21	1	0	1	0	1	1	0	2	0	1	0	1	8
22	1	0	2	0	0	0	0	1	0	0	0	0	4
23	1	1	1	1	0	1	1	1	0	1	0	0	8
ALL	18	22	25	40	25	17	21	17	4	16	1	8	214

TABLE 5-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	0	*	*	*	*	*	0
06	*	*	*	0	*	*	*	*	*	*	*	*	0
07	*	*	*	100	*	*	*	*	*	*	*	100	100
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	0	*	*	*	*	0	*	*	0
11	*	*	*	0	*	0	*	*	*	*	*	*	0
12	100	0	*	*	*	*	*	*	*	*	*	*	50
13	*	0	*	33	100	100	100	*	*	0	*	0	44
14	*	50	*	0	*	100	100	100	*	0	*	*	50
15	*	*	*	50	*	*	0	*	*	50	*	*	33
16	*	*	*	0	50	0	0	50	*	*	*	*	33
17	*	*	*	*	100	*	*	100	*	*	*	*	100
18	*	*	*	*	100	*	100	100	*	*	*	*	100
19	*	*	*	*	100	*	50	0	*	*	*	*	50
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	*	*	*	*	*	*	0	*	100	*	*	25
22	0	*	0	*	*	*	*	*	*	*	*	*	0
23	0	*	*	*	*	*	100	100	*	*	*	*	67
ALL	25	25	0	27	71	50	50	55	*	33	*	50	43

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

TABLE 5-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	0	*	*	*	*	*	0
06	*	*	*	0	*	*	*	*	*	*	*	*	0
07	*	*	*	0	*	*	*	*	*	*	*	0	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	0	*	*	*	*	0	*	*	0
11	*	*	*	0	*	0	*	*	*	*	*	*	0
12	0	0	*	*	*	*	*	*	*	*	*	*	0
13	*	0	*	0	0	0	0	*	*	0	*	0	0
14	*	0	*	0	*	0	0	0	*	0	*	*	0
15	*	*	*	0	*	*	0	*	*	0	*	*	0
16	*	*	*	0	0	0	0	0	*	*	*	*	0
17	*	*	*	*	0	*	*	0	*	*	*	*	0
18	*	*	*	*	0	*	0	0	*	*	*	*	0
19	*	*	*	*	0	*	0	0	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	*	*	*	*	*	*	0	*	0	*	*	0
22	0	*	0	*	*	*	*	*	*	*	*	*	0
23	0	*	*	*	*	*	0	0	*	*	*	*	0
ALL	0	0	0	0	0	0	0	0	*	0	*	0	0

TABLE 5-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	0	*	*	*	*	*	0
06	*	*	*	0	*	*	*	*	*	*	*	*	0
07	*	*	*	0	*	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	0	*	*	*	*	0	*	*	0
11	*	*	*	0	*	0	*	*	*	*	*	*	0
12	0	100	*	*	*	*	*	*	*	*	*	*	50
13	*	0	*	0	0	*	0	*	*	0	*	0	0
14	*	0	*	0	*	*	0	0	*	0	*	*	0
15	*	*	*	0	*	*	0	*	*	0	*	*	0
16	*	*	*	0	0	0	0	0	*	*	*	*	0
17	*	*	*	*	0	*	*	0	*	*	*	*	0
18	*	*	*	*	0	*	0	*	*	*	*	*	0
19	*	*	*	*	0	*	0	0	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	0	*	*	*	*	*	*	0	*	0	*	*	0
22	0	*	0	*	*	*	*	*	*	*	*	*	0
23	0	*	*	*	*	*	0	0	*	*	*	*	0
ALL	0	25	0	0	0	0	0	0	*	0	*	0	2

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 5-8 THRU 5-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	1	0	0	0	0	0	1
06	0	0	0	1	0	0	0	0	0	0	0	0	1
07	0	0	0	1	0	0	0	0	0	0	0	0	1
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	1	0	0	0	0	1	0	0	2
11	0	0	0	1	0	1	0	0	0	0	0	0	2
12	1	1	0	0	0	0	0	0	0	0	0	0	2
13	0	1	0	3	1	0	1	0	0	1	0	1	8
14	0	2	0	2	0	0	1	1	0	1	0	0	7
15	0	0	0	2	0	0	2	0	0	2	0	0	6
16	0	0	0	1	2	1	1	4	0	0	0	0	9
17	0	0	0	0	1	0	0	1	0	0	0	0	2
18	0	0	0	0	1	0	1	0	0	0	0	0	2
19	0	0	0	0	1	0	2	1	0	0	0	0	4
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	2	0	1	0	0	4
22	1	0	1	0	0	0	0	0	0	0	0	0	2
23	1	0	0	0	0	0	1	1	0	0	0	0	3
ALL	4	4	1	11	7	2	10	10	0	6	0	1	56

TABLE 5-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	0	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	0	*	*	*	*	*	*	*	0
11	*	*	*	*	*	0	*	*	*	*	*	*	0
12	100	0	*	*	*	*	*	*	*	*	*	*	50
13	*	*	*	*	*	*	*	*	*	0	*	*	0
14	*	100	*	*	*	*	100	100	*	0	*	*	75
15	*	*	*	*	*	*	0	*	*	100	*	*	33
16	*	*	*	*	*	0	0	50	*	*	*	*	25
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	100	*	*	*	*	*	*	*	100
19	*	*	*	*	*	*	0	0	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	0	*	*	*	*	0
22	0	*	0	*	*	*	*	*	*	*	*	*	0
23	0	*	*	*	*	*	100	*	*	*	*	*	50
ALL	33	50	0	*	50	0	29	33	*	33	*	*	31

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

TABLE 5-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	0	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	0	*	*	*	*	*	*	*	0
11	*	*	*	*	*	0	*	*	*	*	*	*	0
12	0	0	*	*	*	*	*	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	0	*	*	0
14	*	0	*	*	*	*	0	0	*	0	*	*	0
15	*	*	*	*	*	*	0	*	*	0	*	*	0
16	*	*	*	*	*	0	0	0	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	0	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	0	0	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	0	*	*	*	*	0
22	0	*	0	*	*	*	*	*	*	*	*	*	0
23	0	*	*	*	*	*	0	*	*	*	*	*	0
ALL	0	0	0	*	0	0	0	0	*	0	*	*	0

TABLE 5-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	0	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	0	*	*	*	*	*	*	*	0
11	*	*	*	*	*	0	*	*	*	*	*	*	0
12	0	100	*	*	*	*	*	*	*	*	*	*	50
13	*	*	*	*	*	*	*	*	*	0	*	*	0
14	*	0	*	*	*	*	0	0	*	0	*	*	0
15	*	*	*	*	*	*	0	*	*	0	*	*	0
16	*	*	*	*	*	0	0	0	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	0	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	0	0	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	0	*	*	*	*	0
22	0	*	0	*	*	*	*	*	*	*	*	*	0
23	0	*	*	*	*	*	0	*	*	*	*	*	0
ALL	0	50	0	*	0	0	0	0	*	0	*	*	4

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 5-11 THRU 5-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	1	0	0	0	0	0	1
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	1	0	0	0	0	0	0	0	1
11	0	0	0	0	0	1	0	0	0	0	0	0	1
12	1	1	0	0	0	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	1	0	0	1
14	0	1	0	0	0	0	1	1	0	1	0	0	4
15	0	0	0	0	0	0	2	0	0	1	0	0	3
16	0	0	0	0	0	1	1	2	0	0	0	0	4
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	1	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	1	1	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	2	0	0	0	0	2
22	1	0	1	0	0	0	0	0	0	0	0	0	2
23	1	0	0	0	0	0	1	0	0	0	0	0	2
ALL	3	2	1	0	2	2	7	6	0	3	0	0	26

TABLE 5-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	0	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	0	*	*	*	*	*	*	*	0
11	*	*	*	*	*	0	*	*	*	*	*	*	0
12	*	0	*	*	*	*	*	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	0	*	*	0
14	*	*	*	*	*	*	*	*	*	0	*	*	0
15	*	*	*	*	*	*	0	*	*	*	*	*	0
16	*	*	*	*	*	*	*	50	*	*	*	*	50
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	0	*	0	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	100	*	*	*	*	*	100
ALL	0	0	0	*	0	0	25	50	*	0	*	*	15

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

TABLE 5-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	0	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	0	*	*	*	*	*	*	*	0
11	*	*	*	*	*	0	*	*	*	*	*	*	0
12	*	0	*	*	*	*	*	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	0	*	*	0
14	*	*	*	*	*	*	*	*	*	0	*	*	0
15	*	*	*	*	*	*	0	*	*	*	*	*	0
16	*	*	*	*	*	*	*	0	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	0	*	0	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	0	*	*	*	*	*	0
ALL	0	0	0	*	0	0	0	0	*	0	*	*	0

TABLE 5-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	0	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	0	*	*	*	*	*	*	*	0
11	*	*	*	*	*	0	*	*	*	*	*	*	0
12	*	100	*	*	*	*	*	*	*	*	*	*	100
13	*	*	*	*	*	*	*	*	*	0	*	*	0
14	*	*	*	*	*	*	*	*	*	0	*	*	0
15	*	*	*	*	*	*	0	*	*	*	*	*	0
16	*	*	*	*	*	*	*	0	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	0	*	0	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	0	*	*	*	*	*	0
ALL	0	100	0	*	0	0	0	0	*	0	*	*	8

STATION: AVIANO AB, IT WMO #: 160365 RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 5-14 THRU 5-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	1	0	0	0	0	0	1
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	1	0	0	0	0	0	0	0	1
11	0	0	0	0	0	1	0	0	0	0	0	0	1
12	0	1	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	1	0	0	1
14	0	0	0	0	0	0	0	0	0	1	0	0	1
15	0	0	0	0	0	0	2	0	0	0	0	0	2
16	0	0	0	0	0	0	0	2	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	1	0	0	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	1	0	0	0	0	0	1
ALL	1	1	1	0	1	1	4	2	0	2	0	0	13

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

TABLE 6-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	15	11	10	7	6	3	1	3	5	6	12	21	8
01	16	10	9	6	6	3	1	2	6	6	11	20	8
02	18	11	9	6	5	1	1	2	5	6	14	20	8
03	18	11	9	6	4	2	1	2	6	7	12	20	8
04	18	11	10	5	4	2	1	2	5	7	13	20	8
05	17	11	10	4	4	3	1	2	4	7	14	20	8
06	18	12	9	6	6	3	2	2	5	7	12	20	9
07	17	11	9	9	10	7	3	3	6	8	13	17	10
08	16	12	13	15	14	7	7	6	8	10	15	20	12
09	18	15	17	20	14	9	7	8	12	14	18	19	14
10	21	16	21	19	17	11	7	10	12	18	20	22	16
11	23	20	22	22	21	11	10	9	15	19	23	24	18
12	25	20	22	24	20	14	8	10	14	19	22	24	19
13	24	20	24	25	25	13	10	13	17	21	22	24	20
14	24	18	24	23	20	15	11	14	14	17	21	23	19
15	22	18	22	23	22	12	13	14	15	18	21	20	18
16	19	13	20	22	18	13	12	11	13	13	17	17	16
17	19	14	15	19	19	10	9	10	9	11	13	19	14
18	18	11	15	14	13	10	6	8	7	10	15	18	12
19	18	12	11	10	9	6	5	4	4	10	15	16	10
20	17	11	12	9	9	4	3	2	5	9	14	20	10
21	16	13	12	9	6	3	3	1	4	9	14	19	9
22	15	14	10	6	6	3	1	2	4	9	14	18	9
23	17	12	9	6	6	1	2	3	4	8	14	19	8
ALL	19	14	14	13	12	7	5	6	8	11	16	20	12

TABLE 6-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	5	6	2	3	0	0	1	2	3	6	10	4
01	7	6	5	2	1	1	0	1	2	2	6	11	4
02	9	6	6	3	0	1	0	1	2	3	5	9	4
03	11	5	4	2	1	0	1	1	3	3	5	10	4
04	11	5	5	3	1	1	0	0	2	3	5	10	4
05	10	5	6	2	1	1	0	1	2	2	6	9	4
06	10	4	5	3	1	0	0	0	2	4	5	9	4
07	9	4	5	3	3	2	1	1	3	4	6	9	4
08	8	7	5	5	6	2	2	3	3	6	6	10	5
09	9	6	9	9	8	2	2	3	5	7	9	10	7
10	10	8	9	10	8	3	3	3	5	8	9	12	7
11	12	9	11	12	9	2	3	3	4	10	11	13	8
12	13	9	13	11	9	5	2	2	5	10	13	12	9
13	15	8	13	10	11	4	2	4	6	8	13	10	9
14	12	9	12	10	11	4	4	4	6	11	10	11	9
15	12	9	10	10	9	4	4	4	4	9	8	11	8
16	11	6	9	8	7	4	3	2	6	8	7	10	7
17	10	6	7	9	9	3	3	2	3	5	6	9	6
18	10	6	7	5	4	2	2	1	2	4	7	7	5
19	9	5	5	4	3	1	2	1	2	5	8	10	5
20	10	5	6	3	3	1	0	0	1	5	6	10	4
21	10	6	5	4	1	0	0	1	2	5	6	9	4
22	10	7	4	3	1	0	0	1	2	4	7	11	4
23	9	7	5	3	2	0	0	1	3	3	7	11	4
ALL	10	6	7	6	5	2	1	2	3	6	7	10	5

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

TABLE 6-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	2	2	1	0	0	0	0	1	1	2	4	1
01	4	2	2	1	0	0	0	0	1	1	3	4	1
02	5	1	2	1	0	0	0	0	1	1	2	4	2
03	6	1	2	0	0	0	0	0	1	1	2	5	2
04	5	1	2	1	0	0	0	0	1	1	2	5	2
05	5	1	2	0	0	0	0	0	1	1	1	3	1
06	5	2	2	1	0	0	0	0	1	1	1	3	1
07	4	2	2	0	1	0	0	0	1	2	2	4	2
08	5	2	3	0	1	0	0	0	1	2	2	4	2
09	5	2	3	3	1	0	0	0	2	2	2	4	2
10	5	2	3	2	2	0	1	0	2	3	3	4	2
11	4	3	5	2	3	1	1	0	2	4	3	5	3
12	6	3	4	3	4	1	1	0	3	5	2	5	3
13	6	2	4	2	4	1	0	0	3	5	5	6	3
14	5	4	4	3	3	1	0	0	2	3	2	7	3
15	6	3	2	2	3	1	1	1	2	3	2	5	3
16	4	3	2	3	2	1	0	0	1	2	3	3	2
17	3	3	2	2	1	1	0	0	1	1	2	3	2
18	4	2	1	1	1	0	0	0	1	2	3	3	2
19	4	3	1	1	0	0	0	0	1	1	3	3	2
20	4	2	1	0	0	0	0	0	1	2	2	3	1
21	3	2	1	1	0	0	0	0	1	2	2	3	1
22	3	1	2	1	0	0	0	0	1	1	3	4	1
23	3	2	2	1	0	0	0	0	1	1	3	5	2
ALL	4	2	2	1	1	0	0	0	1	2	2	4	2

TABLE 6-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	1	0	0	0	0	0	1	0	1	2	1
01	1	0	0	0	0	0	0	0	0	0	1	2	0
02	1	0	0	0	0	0	0	0	1	0	2	1	0
03	2	1	1	0	0	0	0	0	0	0	1	1	1
04	1	1	1	0	0	0	0	0	0	0	1	1	0
05	1	1	0	0	0	0	0	0	0	0	0	1	0
06	2	1	1	0	0	0	0	0	0	1	0	2	1
07	2	1	1	0	0	0	0	0	1	1	1	1	1
08	2	1	1	0	0	0	0	0	1	1	1	2	1
09	2	1	1	0	0	0	0	0	1	1	1	1	1
10	2	1	1	0	0	0	0	0	1	1	1	2	1
11	1	1	1	0	1	0	0	0	1	1	0	2	1
12	1	1	2	1	0	0	0	0	1	1	1	2	1
13	2	0	1	1	0	0	0	0	1	1	1	3	1
14	3	1	1	1	0	0	0	0	1	1	1	3	1
15	2	0	1	0	0	0	0	0	1	1	0	2	1
16	2	0	1	1	0	0	0	0	0	1	1	1	1
17	1	1	0	0	0	0	0	0	0	0	1	1	0
18	1	1	0	0	0	0	0	0	0	1	1	1	1
19	0	0	0	0	0	0	0	0	1	1	1	1	0
20	1	0	0	0	0	0	0	0	0	1	0	1	0
21	2	1	1	0	0	0	0	0	1	0	1	2	1
22	1	0	0	0	0	0	0	0	0	0	1	1	0
23	1	1	0	0	0	0	0	0	1	0	1	1	0
ALL	1	0	1	0	0	0	0	0	1	1	1	2	1

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 6-1 THRU 6-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	431	393	432	420	433	419	429	406	386	404	416	424	4993
01	432	393	433	420	433	420	429	406	386	404	416	425	4997
02	432	393	433	420	433	418	429	405	386	404	416	425	4994
03	432	393	433	420	433	419	429	406	387	404	416	425	4997
04	432	393	433	420	433	420	429	406	386	404	416	425	4997
05	433	393	432	420	433	420	429	406	386	404	416	425	4997
06	433	394	433	420	433	419	429	406	386	405	416	425	4999
07	433	394	432	420	432	420	429	406	385	405	415	425	4996
08	433	394	432	420	432	419	428	406	385	405	415	431	5000
09	433	394	432	420	432	420	428	406	385	404	415	431	5000
10	433	394	432	420	432	420	428	406	385	404	415	431	5000
11	433	393	432	420	432	419	428	406	385	404	414	431	4997
12	433	394	432	420	433	420	428	406	385	404	414	430	4999
13	433	394	432	420	432	420	428	406	385	404	414	430	4998
14	433	393	432	420	432	420	428	406	385	405	414	430	4998
15	433	393	432	420	432	420	429	406	385	405	414	430	4999
16	433	393	432	420	432	420	429	406	385	405	414	430	4999
17	433	393	433	420	432	419	429	406	385	405	414	430	4999
18	433	393	433	420	432	420	429	406	385	405	414	430	5000
19	433	393	433	420	432	419	428	406	385	405	414	430	4998
20	433	393	433	420	432	420	428	406	385	405	414	430	4999
21	433	393	433	420	433	420	428	406	386	406	414	430	5002
22	433	393	433	420	433	419	428	406	385	406	414	430	5000
23	433	393	433	420	433	420	429	406	385	406	414	430	5002
	9439		10080		10070		9743		9712		10283		
ALL	10386		10380		10379		10285		9249		9954		119960

TABLE 6-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	19	20	31	14	21	0	0	23	28	29	18	15	20
01	17	15	29	31	23	18	33	40	25	19	26	14	21
02	16	21	30	25	19	0	0	44	21	29	15	14	19
03	25	18	31	15	17	14	40	20	27	15	20	11	20
04	19	20	33	14	19	43	0	50	21	20	17	12	20
05	19	23	36	22	17	27	0	29	31	13	24	17	22
06	25	17	33	19	4	15	0	38	47	13	22	18	21
07	25	27	37	19	9	10	7	17	26	15	11	21	20
08	20	24	33	14	3	14	7	12	23	28	20	17	18
09	21	18	23	24	5	10	7	15	17	20	20	20	18
10	25	9	25	14	10	6	10	10	15	14	12	21	15
11	18	15	13	15	11	7	12	5	9	10	13	19	13
12	23	12	20	17	10	10	3	8	12	13	17	16	15
13	21	19	13	14	7	13	5	6	5	14	13	17	13
14	23	23	12	10	9	11	4	7	11	13	19	17	14
15	23	21	22	15	11	4	7	5	9	24	16	20	16
16	26	25	18	8	4	4	4	9	14	20	14	21	14
17	33	30	19	14	13	5	5	8	11	28	13	14	17
18	24	22	27	15	9	14	4	10	19	23	18	15	18
19	17	24	28	24	7	17	19	20	31	28	21	16	20
20	17	27	26	19	11	0	18	50	17	39	19	15	20
21	13	21	24	22	19	8	8	33	44	26	19	18	20
22	15	17	26	22	12	27	0	25	29	31	22	26	22
23	14	21	37	16	15	0	13	42	35	31	23	26	23
ALL	21	20	24	16	10	10	7	13	17	20	18	17	17

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

TABLE 6-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	2	2	4	0	0	0	0	0	0	0	2	1
01	6	5	0	0	0	0	0	0	0	0	0	1	2
02	3	7	0	0	0	0	0	0	0	0	0	0	1
03	3	5	3	4	0	0	0	0	0	0	4	2	2
04	1	7	0	0	0	0	0	0	0	0	4	2	2
05	3	9	2	6	0	0	0	0	0	0	0	2	2
06	1	7	0	0	0	0	0	0	0	0	0	2	1
07	3	7	3	3	0	0	0	0	0	0	0	1	2
08	4	0	6	0	0	0	0	0	0	0	0	5	2
09	7	7	4	0	0	0	0	0	0	0	0	2	2
10	3	5	2	1	0	0	0	0	0	0	0	2	1
11	3	1	1	0	0	0	0	0	0	0	0	3	1
12	3	1	2	0	0	0	0	0	0	0	0	3	1
13	5	0	0	0	0	0	0	0	0	0	1	3	1
14	3	4	0	0	0	0	0	0	0	0	1	1	1
15	1	4	1	0	0	0	0	0	0	0	1	1	1
16	2	2	1	1	0	0	0	0	0	0	1	0	1
17	2	2	0	1	0	0	0	0	0	0	0	0	1
18	1	2	0	0	0	0	0	0	0	0	0	1	0
19	3	2	2	0	0	0	0	0	0	0	0	1	1
20	4	2	2	0	0	0	0	0	0	0	2	6	2
21	3	2	4	3	0	0	0	0	0	0	0	2	2
22	1	2	2	0	0	0	0	0	0	0	0	3	1
23	3	2	3	4	0	0	0	0	0	0	0	2	2
ALL	3	3	2	1	0	0	0	0	0	0	1	2	1

TABLE 6-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	2	0	0	0	0	0	0	0	0	0	2	1
01	4	5	0	0	0	0	0	0	0	0	0	0	1
02	1	5	0	0	0	0	0	0	0	0	3	0	1
03	1	2	3	0	0	0	0	0	0	0	6	1	2
04	4	2	0	0	0	0	0	0	0	0	4	1	2
05	6	5	2	0	0	0	0	0	0	0	0	2	2
06	6	7	0	0	0	0	0	0	0	0	4	1	3
07	7	9	0	0	0	0	0	0	0	0	4	0	2
08	4	4	0	0	0	0	0	0	0	0	3	1	1
09	1	5	0	0	0	0	0	0	0	0	3	4	1
10	2	9	0	0	0	0	0	0	0	0	1	4	2
11	3	4	0	0	0	0	0	0	0	0	0	3	1
12	1	4	0	0	0	0	0	0	0	0	0	2	1
13	0	1	0	0	0	0	0	0	0	0	0	1	0
14	2	4	0	0	0	0	0	0	0	0	1	1	1
15	1	3	0	0	0	0	0	0	0	0	0	0	0
16	0	2	0	0	0	0	0	0	0	0	0	0	0
17	2	4	0	0	0	0	0	0	0	0	0	0	1
18	1	2	0	0	0	0	0	0	0	0	0	1	0
19	3	7	0	0	0	0	0	0	0	0	0	0	1
20	3	2	0	0	0	0	0	0	0	0	2	2	1
21	3	2	0	0	0	0	0	0	0	0	2	1	1
22	3	2	0	0	0	0	0	0	0	0	2	3	1
23	3	4	0	0	0	0	0	0	0	0	0	1	1
ALL	3	4	0	0	0	0	0	0	0	0	1	1	1

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 01-250

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 6-5 THRU 6-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	63	44	45	28	28	11	4	13	18	24	51	88	417
01	71	39	41	26	26	11	3	10	24	26	46	86	409
02	77	43	40	24	21	6	5	9	19	24	59	83	410
03	79	44	39	26	18	7	5	10	22	27	49	85	411
04	77	44	43	21	16	7	4	8	19	30	54	84	407
05	72	44	42	18	18	11	3	7	16	30	59	84	404
06	77	46	39	26	27	13	8	8	19	30	49	83	425
07	75	45	38	37	43	29	14	12	23	33	53	73	475
08	69	46	54	64	62	29	28	25	31	40	61	87	596
09	76	61	74	82	62	39	28	33	48	55	74	84	716
10	91	65	92	81	73	48	31	41	48	71	83	95	819
11	101	80	97	92	89	45	41	37	56	78	94	104	914
12	107	77	96	101	88	59	36	40	52	77	93	102	928
13	105	78	104	103	109	53	43	51	66	85	92	103	992
14	103	71	104	98	88	64	48	56	53	70	85	100	940
15	96	72	93	98	93	50	55	55	58	72	87	84	913
16	84	53	85	92	79	54	50	45	51	54	71	75	793
17	81	54	64	81	83	42	39	40	35	46	53	80	698
18	78	45	64	59	56	43	24	31	26	40	62	79	607
19	77	46	47	41	41	24	21	15	16	39	62	70	499
20	75	45	50	37	38	18	11	8	18	38	57	86	481
21	70	52	50	36	27	12	12	6	16	35	59	83	458
22	67	54	42	27	25	11	6	8	17	36	60	78	431
23	73	48	38	25	26	5	8	12	17	32	56	82	422
ALL	1944	1296	1481	1323	1236	691	527	580	768	1092	1569	2058	14565

TABLE 6-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	29	33	50	22	25	0	0	40	33	38	28	19	30
01	20	27	52	25	20	25	0	67	44	30	36	17	29
02	26	29	40	25	0	0	0	50	22	33	24	10	25
03	27	20	37	40	33	50	33	67	42	8	37	9	26
04	28	17	38	23	17	0	0	50	44	15	32	14	24
05	29	30	52	22	0	0	*	33	56	0	29	13	27
06	33	20	43	8	0	0	0	0	67	18	19	24	26
07	33	47	35	7	8	29	25	25	50	18	4	23	25
08	29	29	43	20	8	20	0	17	38	32	17	24	25
09	31	16	30	19	6	22	14	25	20	34	29	27	24
10	36	16	28	23	18	7	9	7	20	23	14	24	21
11	25	25	18	22	11	20	15	8	12	15	20	29	20
12	29	17	13	15	13	9	0	0	21	18	21	23	18
13	25	13	14	10	7	0	20	6	9	22	17	27	16
14	31	22	13	16	10	11	7	12	13	18	25	25	18
15	29	31	23	23	7	6	6	12	18	29	29	24	22
16	35	30	26	14	10	13	15	14	23	19	23	26	22
17	44	36	20	16	13	8	0	11	23	35	17	11	22
18	30	21	28	23	6	29	0	25	38	35	37	9	24
19	24	21	39	28	8	0	13	60	33	30	29	20	25
20	21	28	36	29	18	0	0	100	20	45	32	24	28
21	16	23	35	38	25	0	0	50	83	36	22	30	29
22	16	14	35	25	17	50	0	50	43	24	34	29	25
23	18	30	40	33	25	0	0	50	45	38	23	28	29
ALL	28	24	29	20	11	11	9	22	28	25	24	22	23

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

TABLE 6-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	5	4	0	0	0	0	0	0	0	0	2	2
01	3	9	0	0	0	0	0	0	0	0	0	0	2
02	5	8	0	0	0	0	0	0	0	0	0	0	2
03	2	10	0	0	0	0	0	0	0	0	0	2	2
04	0	11	0	0	0	0	0	0	0	0	0	2	2
05	4	10	4	11	0	0	*	0	0	0	0	3	4
06	2	13	0	0	0	0	0	0	0	0	0	5	3
07	0	6	4	7	0	0	0	0	0	0	0	3	2
08	0	0	5	0	0	0	0	0	0	0	0	5	1
09	3	8	8	0	0	0	0	0	0	0	0	0	2
10	5	6	3	3	0	0	0	0	0	0	0	2	2
11	2	0	2	0	0	0	0	0	0	0	0	2	1
12	4	3	4	0	0	0	0	0	0	0	0	4	2
13	3	0	0	0	0	0	0	0	0	0	2	2	1
14	4	3	0	0	0	0	0	0	0	0	0	2	1
15	2	6	2	0	0	0	0	0	0	0	0	0	1
16	4	4	3	3	0	0	0	0	0	0	0	0	1
17	2	0	0	3	0	0	0	0	0	0	0	0	1
18	2	0	0	0	0	0	0	0	0	0	0	0	0
19	3	5	4	0	0	0	0	0	0	0	0	2	2
20	5	6	4	0	0	0	0	0	0	0	4	4	3
21	2	5	9	6	0	0	0	0	0	0	0	3	3
22	2	4	6	0	0	0	0	0	0	0	0	4	2
23	3	4	5	0	0	0	0	0	0	0	0	2	2
ALL	3	5	3	1	0	0	0	0	0	0	0	2	2

TABLE 6-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	5	0	0	0	0	0	0	0	0	0	0	1
01	0	9	0	0	0	0	0	0	0	0	0	0	1
02	3	4	0	0	0	0	0	0	0	0	0	0	1
03	2	5	0	0	0	0	0	0	0	0	0	2	2
04	2	6	0	0	0	0	0	0	0	0	0	2	2
05	2	5	4	0	0	0	*	0	0	0	0	3	2
06	2	13	0	0	0	0	0	0	0	0	0	3	2
07	5	12	0	0	0	0	0	0	0	0	0	0	2
08	3	0	0	0	0	0	0	0	0	0	0	2	1
09	0	4	0	0	0	0	0	0	0	0	3	5	1
10	0	6	0	0	0	0	0	0	0	0	3	6	2
11	2	0	0	0	0	0	0	0	0	0	0	4	1
12	0	3	0	0	0	0	0	0	0	0	0	2	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	3	0	0	0	0	0	0	0	0	0	2	0
15	0	3	0	0	0	0	0	0	0	0	0	0	0
16	0	4	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	2	4	0	0	0	0	0	0	0	0	0	0	1
19	3	5	0	0	0	0	0	0	0	0	0	0	1
20	5	6	0	0	0	0	0	0	0	0	0	0	1
21	5	5	0	0	0	0	0	0	0	0	0	0	1
22	4	4	0	0	0	0	0	0	0	0	0	2	2
23	5	4	0	0	0	0	0	0	0	0	0	2	2
ALL	2	4	0	0	0	0	0	0	0	0	0	2	1

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 6-8 THRU 6-10

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	38	21	24	9	12	2	1	5	9	13	25	43	202
01	30	22	23	8	5	4	1	3	9	10	25	47	187
02	38	24	25	12	2	3	2	4	9	12	21	39	191
03	48	20	19	10	6	2	3	3	12	12	19	43	197
04	47	18	21	13	6	3	1	2	9	13	19	42	194
05	45	20	25	9	3	3	0	3	9	10	24	39	190
06	42	15	23	13	6	2	1	1	6	17	21	37	184
07	40	17	23	14	13	6	4	4	10	17	26	39	213
08	35	28	21	20	24	10	8	12	13	25	23	42	261
09	39	25	40	37	33	9	7	12	20	29	38	41	330
10	42	32	40	40	34	14	11	14	20	31	35	51	364
11	53	36	49	49	37	10	13	12	17	39	45	55	415
12	55	36	54	47	38	22	8	8	19	39	53	53	432
13	67	32	56	41	46	17	10	17	22	32	53	45	438
14	51	37	52	44	48	18	15	17	23	45	40	48	438
15	51	35	43	40	41	17	17	17	17	35	35	49	397
16	46	23	39	35	30	14	13	7	22	31	31	42	333
17	45	22	30	37	38	12	11	9	13	20	23	37	297
18	43	24	29	22	18	7	7	4	8	17	27	32	238
19	37	19	23	18	13	6	8	5	6	20	35	41	231
20	43	18	25	14	11	4	1	2	5	22	25	45	215
21	44	22	23	16	4	1	2	4	6	22	23	40	207
22	45	28	17	12	6	2	1	4	7	17	29	49	217
23	39	27	20	12	8	2	2	6	11	13	30	47	217
ALL	1063	601	744	572	482	190	147	175	302	541	725	1046	6588

TABLE 6-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	43	57	33	*	*	*	100	50	67	57	32	46
01	19	50	70	67	*	*	0	100	60	33	27	28	38
02	22	40	33	67	0	0	*	100	20	50	30	20	29
03	33	33	63	50	0	*	100	*	100	20	40	15	34
04	30	20	67	50	0	*	*	*	50	0	43	14	31
05	38	40	60	*	0	0	*	*	50	0	25	25	35
06	48	22	50	0	0	*	0	*	100	0	60	43	41
07	56	38	50	0	0	*	*	100	75	25	0	29	37
08	29	25	45	*	0	*	0	50	50	40	43	35	34
09	41	50	50	23	17	*	0	0	38	50	50	29	38
10	45	13	43	29	11	*	0	50	25	45	38	44	35
11	33	9	25	30	14	0	0	0	0	24	27	27	22
12	26	18	17	21	19	0	0	0	20	20	50	41	24
13	38	11	11	30	16	0	0	50	20	35	21	28	24
14	43	36	24	21	8	0	0	50	22	36	50	32	30
15	33	45	30	40	15	33	0	0	33	43	40	30	32
16	47	27	44	23	13	67	0	0	40	38	33	21	32
17	40	30	44	22	17	33	0	50	0	75	22	23	31
18	39	38	17	17	33	*	*	100	50	63	50	8	35
19	38	10	25	33	50	0	0	50	100	50	43	21	33
20	28	67	33	100	0	*	*	*	33	60	57	21	39
21	27	57	50	100	*	*	0	50	75	40	40	47	45
22	40	50	50	50	*	*	*	0	100	40	50	47	47
23	36	33	43	33	0	*	0	50	75	60	36	50	43
ALL	36	32	39	31	14	15	4	40	40	37	38	30	33

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

TABLE 6-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	0	0	0	*	*	*	0	0	0	0	5	3
01	6	0	0	0	*	*	0	0	0	0	0	0	1
02	9	0	0	0	0	0	*	0	0	0	0	0	3
03	4	0	0	0	0	*	0	*	0	0	0	5	3
04	0	20	0	0	0	*	*	*	0	0	0	5	3
05	10	0	10	*	0	0	*	*	0	0	0	0	5
06	0	0	0	0	0	*	0	*	0	0	0	7	1
07	0	13	0	0	0	*	*	0	0	0	0	0	1
08	0	0	9	*	0	*	0	0	0	0	0	0	1
09	5	0	0	0	0	*	0	0	0	0	0	0	1
10	5	0	0	0	0	*	0	0	0	0	0	0	1
11	6	0	5	0	0	0	0	0	0	0	0	0	1
12	7	9	0	0	0	0	0	0	0	0	0	5	3
13	4	0	0	0	0	0	0	0	0	0	0	4	1
14	0	7	0	0	0	0	0	0	0	0	0	0	1
15	4	9	0	0	0	0	0	0	0	0	0	0	2
16	6	9	0	8	0	0	0	0	0	0	0	0	3
17	7	0	0	11	0	0	0	0	0	0	0	0	2
18	6	0	0	0	0	*	*	0	0	0	0	0	1
19	0	10	0	0	0	0	0	0	0	0	0	7	3
20	11	0	0	0	0	*	*	*	0	0	0	14	6
21	0	0	0	0	*	*	0	0	0	0	0	7	1
22	7	0	0	0	*	*	*	0	0	0	0	6	3
23	0	11	0	0	0	*	0	0	0	0	0	5	3
ALL	4	4	1	1	0	0	0	0	0	0	0	3	2

TABLE 6-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	*	*	0	0	0	0	0	0
01	0	0	0	0	*	*	0	0	0	0	0	0	0
02	4	0	0	0	0	0	*	0	0	0	0	0	1
03	4	0	0	0	0	*	0	*	0	0	0	5	3
04	4	0	0	0	0	*	*	*	0	0	0	5	3
05	5	0	10	*	0	0	*	*	0	0	0	0	3
06	5	0	0	0	0	*	0	*	0	0	0	7	3
07	0	25	0	0	0	*	*	0	0	0	0	0	3
08	0	0	0	*	0	*	0	0	0	0	0	0	0
09	0	0	0	0	0	*	0	0	0	0	0	0	0
10	0	0	0	0	0	*	0	0	0	0	0	6	1
11	0	0	0	0	0	0	0	0	0	0	0	5	1
12	0	9	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	7	0	0	0	0	0	0	0	0	0	0	1
15	0	9	0	0	0	0	0	0	0	0	0	0	1
16	0	9	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	6	0	0	0	0	*	*	0	0	0	0	0	1
19	6	10	0	0	0	0	0	0	0	0	0	0	3
20	6	0	0	0	0	*	*	*	0	0	0	0	2
21	7	0	0	0	*	*	0	0	0	0	0	0	1
22	0	0	0	0	*	*	*	0	0	0	0	0	0
23	0	11	0	0	0	*	0	0	0	0	0	5	3
ALL	2	4	0	0	0	0	0	0	0	0	0	1	1

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 6-11 THRU 6-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	12	7	7	3	0	0	0	1	4	3	7	19	63
01	16	6	10	3	0	0	1	1	5	3	11	18	74
02	23	5	9	3	1	1	0	2	5	4	10	15	78
03	24	3	8	2	2	0	1	0	2	5	10	20	77
04	23	5	9	4	1	0	0	0	2	3	7	21	75
05	21	5	10	0	1	1	0	0	4	4	4	12	62
06	21	9	8	3	1	0	1	0	3	4	5	14	69
07	18	8	10	2	3	0	0	1	4	8	7	17	78
08	21	8	11	0	4	0	1	2	4	10	7	17	85
09	22	8	14	13	6	0	1	2	8	10	8	17	109
10	20	8	14	7	9	0	4	2	8	11	13	18	114
11	18	11	20	10	14	3	3	2	7	17	11	22	138
12	27	11	18	14	16	5	4	2	10	20	10	22	159
13	24	9	19	10	19	3	2	2	10	20	19	25	162
14	23	14	17	14	13	3	1	2	9	14	10	28	148
15	24	11	10	10	13	3	3	4	6	14	10	20	128
16	17	11	9	13	8	3	1	2	5	8	12	14	103
17	15	10	9	9	6	3	1	2	3	4	9	13	84
18	18	8	6	6	3	0	0	1	2	8	14	13	79
19	16	10	4	3	2	2	1	2	2	6	14	14	76
20	18	6	6	1	1	0	0	0	3	10	7	14	66
21	15	7	6	3	0	0	1	2	4	10	10	15	73
22	15	4	8	4	0	0	0	1	2	5	12	17	68
23	11	9	7	3	1	0	1	2	4	5	14	20	77
ALL	462	193	249	140	124	27	27	35	116	206	241	425	2245

TABLE 6-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	100	33	0	*	*	*	100	67	*	50	33	56
01	33	*	50	100	*	*	*	*	*	100	0	57	42
02	60	*	50	*	*	*	*	*	33	100	43	33	46
03	50	50	50	*	*	*	*	*	100	*	25	0	38
04	40	50	75	0	*	*	*	*	100	0	67	50	50
05	50	33	100	*	0	*	*	*	*	0	100	67	50
06	57	25	33	0	0	*	0	*	100	0	0	43	34
07	63	25	75	*	*	*	*	*	100	33	0	40	48
08	33	50	67	*	0	*	*	*	67	33	33	43	42
09	71	75	67	*	100	*	*	*	25	25	67	33	54
10	44	0	40	*	0	*	0	*	33	67	100	44	46
11	60	0	0	0	0	*	*	*	0	50	100	25	24
12	40	0	0	40	*	0	*	*	25	25	75	44	31
13	63	0	0	100	50	*	*	*	0	67	50	36	41
14	58	50	0	0	0	*	*	*	20	50	50	45	39
15	57	100	0	100	50	*	*	*	33	75	100	33	47
16	57	100	33	33	0	*	0	*	*	50	50	17	41
17	50	100	50	100	0	*	*	100	*	100	33	17	50
18	33	50	50	50	100	*	*	*	*	100	50	0	44
19	50	0	0	0	*	*	*	*	100	60	50	50	50
20	75	100	50	100	*	*	*	*	100	67	100	50	70
21	29	100	50	*	*	*	*	100	100	50	33	29	48
22	40	*	100	*	*	*	*	*	100	100	60	60	63
23	25	0	50	*	*	*	*	100	100	100	67	50	55
ALL	52	43	37	41	22	0	0	100	49	54	49	37	45

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

TABLE 6-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	*	*	0	0	*	0	11	4
01	0	*	0	0	*	*	*	*	*	0	0	0	0
02	0	*	0	*	*	*	*	*	0	0	0	0	0
03	0	0	0	*	*	*	*	*	0	*	0	0	0
04	0	0	0	0	*	*	*	*	0	0	0	0	0
05	17	0	0	*	0	*	*	*	*	0	0	0	6
06	0	0	0	0	0	*	0	*	0	0	0	14	3
07	0	0	0	*	*	*	*	*	0	0	0	0	0
08	0	0	0	*	0	*	*	*	0	0	0	0	0
09	0	0	0	*	0	*	*	*	0	0	0	0	0
10	11	0	0	*	0	*	0	*	0	0	0	0	3
11	20	0	0	0	0	*	*	*	0	0	0	0	2
12	20	33	0	0	*	0	*	*	0	0	0	0	5
13	13	0	0	0	0	*	*	*	0	0	0	0	2
14	0	0	0	0	0	*	*	*	0	0	0	0	0
15	0	0	0	0	0	*	*	*	0	0	0	0	0
16	14	0	0	0	0	*	0	*	*	0	0	0	3
17	17	0	0	0	0	*	*	0	*	0	0	0	4
18	17	0	0	0	0	*	*	*	*	0	0	0	4
19	0	0	0	0	*	*	*	*	0	0	0	25	5
20	0	0	0	0	*	*	*	*	0	0	0	17	5
21	0	0	0	*	*	*	*	0	0	0	0	14	3
22	20	*	0	*	*	*	*	*	0	0	0	20	11
23	0	0	0	*	*	*	*	0	0	0	0	17	5
ALL	6	2	0	0	0	0	0	0	0	0	0	4	2

TABLE 6-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	*	*	0	0	*	0	0	0
01	0	*	0	0	*	*	*	*	*	0	0	0	0
02	0	*	0	*	*	*	*	*	0	0	0	0	0
03	0	0	0	*	*	*	*	*	0	*	0	0	0
04	20	0	0	0	*	*	*	*	0	0	0	0	5
05	0	0	0	*	0	*	*	*	*	0	0	0	0
06	0	0	0	0	0	*	0	*	0	0	0	14	3
07	0	25	0	*	*	*	*	*	0	0	0	0	3
08	0	0	0	*	0	*	*	*	0	0	0	0	0
09	0	0	0	*	0	*	*	*	0	0	0	0	0
10	0	0	0	*	0	*	0	*	0	0	0	11	3
11	0	0	0	0	0	*	*	*	0	0	0	0	0
12	0	33	0	0	*	0	*	*	0	0	0	0	2
13	0	0	0	0	0	*	*	*	0	0	0	0	0
14	0	0	0	0	0	*	*	*	0	0	0	0	0
15	0	0	0	0	0	*	*	*	0	0	0	0	0
16	0	0	0	0	0	*	0	*	*	0	0	0	0
17	0	0	0	0	0	*	*	0	*	0	0	0	0
18	17	0	0	0	0	*	*	*	*	0	0	0	4
19	0	0	0	0	*	*	*	*	0	0	0	0	0
20	0	0	0	0	*	*	*	*	0	0	0	0	0
21	14	0	0	*	*	*	*	0	0	0	0	0	3
22	0	*	0	*	*	*	*	*	0	0	0	0	0
23	0	0	0	*	*	*	*	0	0	0	0	0	0
ALL	2	4	0	0	0	0	0	0	0	0	0	1	1

STATION: RAF BENTWATERS, UK WMO #: 035961 RUNWAY HEADING: 070-250

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 6-14 THRU 6-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	1	3	1	0	0	0	1	3	0	4	9	27
01	3	0	2	1	0	0	0	0	0	1	5	7	19
02	5	0	2	0	0	0	0	0	3	1	7	6	24
03	10	2	4	0	0	0	0	0	1	0	4	5	26
04	5	2	4	2	0	0	0	0	1	1	3	4	22
05	6	3	2	0	1	0	0	0	0	2	1	3	18
06	7	4	3	1	1	0	1	0	1	3	1	7	29
07	8	4	4	0	0	0	0	0	3	3	4	5	31
08	9	2	3	0	1	0	0	0	3	3	3	7	31
09	7	4	6	0	1	0	0	0	4	4	3	6	35
10	9	2	5	0	1	0	1	0	3	6	3	9	39
11	5	3	6	2	4	0	0	0	5	6	2	8	41
12	5	3	7	5	0	1	0	0	4	4	4	9	42
13	8	1	6	3	2	0	0	0	3	3	4	11	41
14	12	2	3	3	2	0	0	0	5	4	4	11	46
15	7	1	4	1	2	0	0	0	3	4	1	9	32
16	7	1	3	3	1	0	1	0	0	4	6	6	32
17	6	2	2	1	1	0	0	1	0	2	3	6	24
18	6	2	2	2	1	0	0	0	0	3	4	5	25
19	2	1	1	1	0	0	0	0	2	5	4	4	20
20	4	1	2	1	0	0	0	0	1	3	2	6	20
21	7	3	4	0	0	0	0	1	2	2	3	7	29
22	5	0	1	0	0	0	0	0	1	2	5	5	19
23	4	2	2	0	0	0	0	1	3	1	3	6	22
ALL	152	46	81	27	18	1	3	4	51	67	83	161	694

STATION: BERLIN (TEMPLEHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

TABLE 7-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	11	3	5	4	1	1	2	1	2	4	10	10	5
01	11	4	5	4	2	1	1	1	2	3	10	10	5
02	10	4	6	6	2	1	1	1	2	4	8	7	4
03	11	5	5	7	2	0	1	1	2	3	8	8	4
04	10	5	6	4	1	1	2	1	2	4	8	8	4
05	11	5	7	6	2	2	2	2	2	4	9	7	5
06	10	4	9	6	2	4	2	3	4	6	9	9	6
07	11	4	10	7	5	4	3	4	3	6	11	9	7
08	11	5	12	9	6	6	3	4	4	8	13	10	8
09	12	6	14	13	7	7	4	5	8	10	14	10	9
10	15	6	15	15	8	6	6	6	8	11	13	10	10
11	14	8	15	13	8	8	6	7	10	12	14	11	11
12	16	7	18	16	9	9	5	6	8	13	16	11	11
13	12	6	17	14	10	10	6	7	9	8	12	7	10
14	12	6	14	16	9	8	7	6	9	8	13	10	10
15	10	6	13	13	8	9	6	7	5	6	9	8	8
16	9	6	12	14	8	9	5	6	4	3	12	8	8
17	10	6	9	9	7	5	5	3	3	4	10	7	7
18	9	5	9	9	5	6	2	1	2	4	12	9	6
19	9	5	6	7	5	2	1	2	2	3	11	8	5
20	10	5	7	6	4	4	2	2	2	3	12	8	5
21	9	4	7	6	2	3	2	2	1	3	11	9	5
22	10	3	8	4	2	1	1	1	3	3	11	11	5
23	9	3	5	5	2	1	1	1	2	4	10	9	4
ALL	11	5	10	9	5	5	3	3	4	6	11	9	7

TABLE 7-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	1	1	1	0	0	1	0	0	0	2	2	1
01	3	1	1	1	0	0	0	0	1	0	2	2	1
02	2	1	0	0	0	1	0	0	0	1	1	2	1
03	4	1	1	1	0	0	0	0	0	1	1	2	1
04	3	1	0	1	0	0	0	0	0	1	2	2	1
05	3	1	1	1	0	0	0	1	0	1	2	2	1
06	2	1	2	2	0	0	0	0	0	1	3	2	1
07	2	1	4	2	1	0	0	1	1	1	3	4	2
08	3	2	4	2	1	0	0	1	1	2	4	3	2
09	4	1	5	4	1	0	1	1	1	2	4	3	2
10	5	3	6	3	1	1	1	2	1	3	4	3	3
11	4	3	7	4	1	1	1	1	2	3	3	3	3
12	3	2	7	5	2	1	0	1	1	2	4	3	3
13	3	1	5	6	1	2	0	2	2	1	5	2	2
14	3	1	4	4	2	1	2	2	1	1	3	3	2
15	3	1	4	4	1	1	1	1	2	1	2	2	2
16	2	1	2	3	1	1	1	2	1	1	2	3	1
17	2	2	2	2	1	1	0	1	1	1	1	1	1
18	2	1	2	1	1	1	0	1	0	1	2	2	1
19	2	1	1	1	0	1	0	0	0	1	2	2	1
20	2	1	2	1	0	1	0	0	1	0	2	2	1
21	3	1	1	1	0	0	0	1	0	0	2	2	1
22	3	1	1	1	0	0	0	1	0	0	3	3	1
23	2	1	0	1	0	0	0	0	0	0	2	3	1
ALL	3	1	3	2	1	1	0	1	1	1	2	2	1

STATION: BERLIN (TEMPLEHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

TABLE 7-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	1	1	0	0	0	0	0	0	1	1	0
01	2	0	0	0	0	0	0	0	0	0	1	1	0
02	1	1	0	0	0	1	0	0	0	0	1	1	0
03	1	1	1	1	0	0	0	0	0	0	1	2	1
04	2	1	0	0	0	0	0	0	0	0	1	2	1
05	1	0	0	0	0	0	0	1	0	0	1	1	0
06	1	0	1	1	0	0	0	0	0	0	1	1	0
07	1	1	2	2	1	0	0	0	0	1	2	2	1
08	1	1	2	2	0	0	0	1	0	1	2	1	1
09	2	0	2	2	0	0	1	1	1	1	2	2	1
10	2	2	3	1	1	0	1	1	0	2	3	2	1
11	2	1	3	2	1	1	0	0	0	0	1	1	1
12	2	1	3	3	1	1	0	0	0	1	2	2	1
13	2	1	2	3	0	1	0	0	1	0	2	1	1
14	2	1	2	1	1	1	1	1	1	1	1	2	1
15	1	1	1	2	1	1	0	1	1	1	1	1	1
16	1	0	1	2	1	0	0	0	0	0	1	1	1
17	1	1	1	1	1	0	0	1	1	1	1	1	1
18	1	1	1	1	0	1	0	0	0	0	1	1	1
19	2	1	0	1	0	1	0	0	0	0	1	1	1
20	1	1	1	1	0	0	0	0	0	0	1	1	1
21	2	1	1	1	0	0	0	0	0	0	1	1	1
22	3	1	0	1	0	0	0	0	0	0	2	1	1
23	2	1	0	1	0	0	0	0	0	0	1	1	1
ALL	2	1	1	1	0	0	0	0	0	1	1	1	1

TABLE 7-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	1	0	0	0	0	0	0	0	0	0
01	1	0	0	0	0	0	0	0	0	0	0	1	0
02	0	0	0	0	0	0	0	0	0	0	0	1	0
03	0	0	0	0	0	0	0	0	0	0	0	1	0
04	1	1	0	0	0	0	0	0	0	0	0	1	0
05	0	0	0	0	0	0	0	0	0	0	0	1	0
06	1	0	1	1	0	0	0	0	0	0	0	1	0
07	1	0	1	1	0	0	0	0	0	0	1	1	0
08	1	1	1	1	0	0	0	1	0	0	1	1	0
09	1	0	1	2	0	0	0	0	0	0	1	1	1
10	1	1	2	1	1	0	0	1	0	0	1	1	1
11	1	1	1	2	0	1	0	0	0	0	1	1	1
12	2	0	1	1	0	1	0	0	0	0	1	1	1
13	1	1	1	2	0	0	0	0	0	0	1	1	1
14	1	0	1	1	1	1	0	1	0	0	1	1	1
15	1	0	1	1	1	0	0	0	0	0	1	1	1
16	1	0	1	1	1	0	0	0	0	0	0	1	0
17	0	1	0	1	1	0	0	0	0	0	1	1	0
18	0	1	1	1	0	0	0	0	0	0	1	1	0
19	1	1	0	0	0	0	0	0	0	0	1	1	0
20	0	1	0	1	0	0	0	0	0	0	1	1	0
21	1	0	0	0	0	0	0	0	0	0	1	1	0
22	1	0	0	1	0	0	0	0	0	0	1	1	0
23	2	0	0	1	0	0	0	0	0	0	1	1	0
ALL	1	0	1	1	0	0	0	0	0	0	1	1	0

STATION: BERLIN (TEMPLEHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 7-1 THRU 7-4:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	387	344	388	376	360	354	384	388	370	409	403	399	4562
01	389	347	388	371	356	356	380	384	371	408	405	393	4548
02	388	348	390	381	362	354	379	384	383	417	408	396	4590
03	393	345	391	377	354	350	386	387	380	410	405	394	4572
04	392	350	387	377	363	359	386	391	383	411	407	393	4599
05	390	356	395	380	369	366	388	389	379	410	408	398	4628
06	392	350	392	380	362	357	384	390	380	411	403	397	4598
07	392	353	391	383	364	361	393	390	377	414	409	393	4620
08	388	352	393	380	369	363	390	394	382	414	407	394	4626
09	397	351	392	380	363	358	388	391	376	413	400	396	4605
10	392	359	392	377	368	356	388	392	383	413	400	393	4613
11	387	358	394	377	364	358	384	391	378	409	399	393	4592
12	394	350	381	371	361	360	382	388	373	407	400	395	4562
13	386	355	383	374	355	357	378	388	373	411	400	389	4549
14	390	348	390	379	360	351	383	389	382	409	400	394	4575
15	394	348	386	378	358	361	382	392	376	410	408	401	4594
16	385	355	390	381	363	355	382	391	383	410	409	395	4599
17	393	360	395	383	368	358	383	381	376	414	411	392	4614
18	396	351	389	375	362	360	377	396	370	402	404	397	4569
19	394	352	392	376	364	360	381	386	371	409	399	390	4574
20	394	352	390	377	358	353	385	389	379	410	409	397	4593
21	393	354	388	380	358	359	387	391	377	404	398	398	4587
22	395	355	386	369	361	356	379	390	368	409	404	393	4565
23	384	348	384	371	352	358	379	392	378	385	373	391	4495
ALL	9385	8441	9347	9053	8674	8580	9208	9334	9048	9819	9669	9471	110029

TABLE 7-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	24	8	33	31	25	40	33	40	0	39	33	21	27
01	33	13	15	25	33	67	33	50	13	29	32	26	27
02	22	15	29	27	33	25	0	50	14	31	23	31	26
03	26	13	25	44	43	0	0	50	14	25	26	30	28
04	24	22	30	43	60	33	17	33	13	44	47	39	34
05	25	17	30	39	14	17	43	33	50	28	23	14	26
06	10	21	24	26	44	8	0	36	14	33	26	28	23
07	9	33	17	29	17	15	10	27	10	32	20	23	20
08	17	16	17	25	19	24	0	6	0	18	17	24	17
09	21	14	11	24	0	20	20	15	0	15	23	26	17
10	19	5	18	23	7	9	17	22	16	16	19	16	17
11	17	14	15	22	3	14	22	14	18	25	25	27	19
12	22	25	22	38	12	29	11	12	10	33	19	26	23
13	17	27	17	29	17	14	18	14	15	31	21	28	20
14	36	14	18	21	15	28	15	17	6	35	23	34	22
15	25	9	27	20	7	10	4	26	33	42	26	25	22
16	22	20	29	21	10	10	5	26	21	54	20	31	22
17	26	13	37	17	15	5	10	23	33	33	18	25	21
18	14	18	23	21	6	18	0	40	50	50	20	21	21
19	16	26	36	15	11	17	40	38	29	38	36	27	26
20	34	31	22	27	23	7	50	33	33	29	27	31	28
21	24	27	21	33	25	18	57	71	40	38	36	32	32
22	30	10	17	40	33	40	25	67	36	29	27	29	28
23	24	9	33	26	38	20	67	60	0	14	26	33	27
ALL	22	18	22	26	15	17	16	24	16	30	25	27	23

STATION: BERLIN (TEMPELHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

TABLE 7-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	17	33	6	13	0	0	0	0	0	0	5	15	10
01	14	33	10	13	0	0	0	0	0	0	5	5	9
02	19	31	8	14	0	0	0	0	0	0	0	3	9
03	14	31	15	8	0	0	0	0	0	0	0	6	9
04	15	11	13	0	0	0	0	0	0	0	3	6	7
05	14	11	15	4	14	0	0	0	0	0	11	14	10
06	13	7	3	13	0	0	0	0	0	0	5	11	6
07	20	13	2	4	0	0	0	0	0	0	0	3	5
08	14	5	0	11	0	0	0	0	0	0	8	5	5
09	9	10	2	4	0	0	0	0	0	0	2	0	2
10	7	5	2	4	0	0	0	0	0	0	4	11	3
11	9	18	5	2	0	0	0	0	0	0	4	0	3
12	16	13	6	2	0	0	0	0	0	0	2	14	5
13	20	18	3	4	0	0	0	0	0	0	2	14	5
14	16	23	5	3	0	0	0	0	0	0	2	8	5
15	15	32	4	6	0	0	0	0	0	0	3	13	6
16	19	20	4	6	0	0	0	0	0	0	0	16	6
17	15	26	3	6	0	0	0	0	0	0	3	7	6
18	17	6	3	6	0	0	0	0	0	0	2	12	5
19	14	5	8	15	0	0	0	0	0	0	0	6	6
20	16	6	11	9	0	0	0	0	0	0	2	9	6
21	22	13	7	10	0	0	0	0	0	0	2	6	7
22	20	20	7	0	0	0	0	0	0	0	0	10	7
23	21	27	0	11	0	0	0	0	0	0	3	3	7
ALL	15	17	5	6	0	0	0	0	0	0	3	8	6

TABLE 7-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	22	25	11	13	0	0	0	0	0	0	5	10	10
01	21	20	10	19	0	0	0	0	0	0	2	15	11
02	24	54	8	9	0	0	0	0	0	0	3	10	12
03	17	50	15	12	0	0	0	0	0	0	0	12	13
04	27	39	17	7	0	0	0	0	0	0	0	15	14
05	32	28	7	9	0	0	0	0	0	0	14	17	14
06	28	36	8	0	0	0	0	0	0	0	8	11	10
07	29	40	7	4	0	0	0	0	0	0	7	6	9
08	24	42	2	3	0	0	0	0	0	0	4	13	8
09	21	48	2	2	0	0	0	0	0	0	0	11	6
10	25	41	0	2	0	0	0	0	0	0	0	13	7
11	21	46	2	0	0	0	0	0	0	0	0	7	6
12	24	42	3	0	0	0	0	0	0	0	3	17	7
13	24	45	0	0	0	0	0	0	0	0	2	28	7
14	22	41	0	2	0	0	0	0	0	0	2	16	6
15	20	50	2	4	0	0	0	0	0	0	8	16	8
16	19	55	4	2	0	0	0	0	0	0	2	19	8
17	18	57	6	3	0	0	0	0	0	0	0	14	9
18	28	53	0	3	0	0	0	0	0	0	6	18	10
19	14	42	8	4	0	0	0	0	0	0	0	9	8
20	16	25	12	9	0	0	0	0	0	0	4	22	10
21	30	40	7	10	0	0	0	0	0	0	2	18	12
22	28	30	7	7	0	0	0	0	0	0	2	19	11
23	15	18	11	11	0	0	0	0	0	0	5	14	9
ALL	23	42	5	4	0	0	0	0	0	0	3	14	9

STATION: BERLIN (TEMPLEHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 7-5 THRU 7-7:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	41	12	18	16	4	5	6	5	6	18	40	39	210
01	43	15	20	16	6	3	3	2	8	14	41	39	210
02	37	13	24	22	9	4	2	2	7	16	31	29	196
03	42	16	20	25	7	1	4	2	7	12	31	33	200
04	41	18	23	14	5	3	6	3	8	16	34	33	204
05	44	18	27	23	7	6	7	9	6	18	35	29	229
06	40	14	37	23	9	13	8	11	14	24	38	36	267
07	45	15	41	28	18	13	9	15	10	25	46	35	300
08	42	19	46	36	21	21	12	16	17	33	53	38	354
09	47	21	55	48	26	25	15	20	29	40	57	38	421
10	59	22	57	56	30	23	23	23	31	44	53	38	459
11	53	28	59	49	29	29	23	28	38	51	56	45	488
12	63	24	69	58	33	31	18	25	31	51	64	42	509
13	46	22	64	52	35	37	22	29	33	32	47	29	448
14	45	22	56	61	33	29	27	23	33	31	52	38	450
15	40	22	51	49	27	30	23	27	18	24	38	32	381
16	36	20	48	53	30	31	19	23	14	13	49	32	368
17	39	23	35	36	26	19	21	13	12	18	40	28	310
18	36	17	34	33	18	22	9	5	6	16	50	34	280
19	37	19	25	27	18	6	5	8	7	13	44	33	242
20	38	16	26	22	13	15	8	6	9	14	48	32	247
21	37	15	28	21	8	11	7	7	5	13	42	34	228
22	40	10	29	15	9	5	4	3	11	14	45	42	227
23	33	11	18	19	8	5	3	5	6	14	38	36	196
ALL	1024	432	910	802	429	387	284	310	366	564	1072	844	7424

TABLE 7-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	86	0	40	33	*	100	0	*	0	50	56	38	46
01	55	20	50	33	*	100	0	*	0	100	63	43	46
02	25	0	0	100	*	50	0	*	0	0	17	0	15
03	29	0	50	100	*	*	0	*	0	33	20	25	31
04	40	20	*	50	*	100	0	*	0	25	56	44	40
05	20	50	50	67	*	100	*	50	0	25	25	33	34
06	29	0	43	43	*	*	0	100	0	33	55	0	33
07	33	25	27	44	50	0	0	25	0	20	18	21	26
08	31	14	24	50	25	*	*	0	0	25	25	30	26
09	20	25	17	43	0	0	0	50	0	13	43	27	26
10	6	11	22	42	33	33	100	33	0	17	24	25	22
11	14	22	15	50	0	20	50	40	17	27	30	15	24
12	31	33	32	59	33	25	0	50	33	43	33	18	36
13	33	40	22	38	25	43	*	43	43	67	33	38	35
14	40	33	25	20	17	40	17	50	20	33	27	40	29
15	40	20	40	20	25	0	0	60	50	60	38	43	35
16	33	50	50	33	0	0	0	67	0	33	57	50	38
17	71	25	43	33	20	50	0	50	100	25	75	40	44
18	33	40	67	40	0	0	*	100	*	0	33	38	37
19	14	75	100	75	0	50	0	100	0	25	71	38	48
20	43	60	0	20	100	50	100	100	50	100	25	57	41
21	60	67	25	50	*	100	100	100	*	100	38	63	57
22	33	50	50	67	*	100	*	50	0	*	18	33	35
23	44	0	*	50	*	100	100	100	0	0	56	60	50
ALL	33	26	29	42	20	39	22	51	22	29	37	33	33

STATION: BERLIN (TEMPELHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

TABLE 7-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	33	20	33	*	0	0	*	0	0	0	13	10
01	0	20	0	33	*	0	0	*	0	0	0	0	5
02	13	20	0	0	*	0	0	*	0	0	0	0	6
03	18	67	0	0	*	*	0	*	0	0	0	13	13
04	10	20	*	0	*	0	0	*	0	0	0	11	7
05	10	0	0	0	*	0	*	0	0	0	13	17	7
06	0	0	0	14	*	*	0	0	0	0	0	13	4
07	33	0	7	0	0	0	0	0	0	0	0	0	5
08	23	0	0	25	0	*	*	0	0	0	0	0	6
09	13	0	6	7	0	0	0	0	0	0	0	0	4
10	17	0	0	8	0	0	0	0	0	0	0	8	4
11	14	11	0	0	0	0	0	0	0	0	10	0	3
12	15	0	0	6	0	0	0	0	0	0	0	0	3
13	25	20	6	10	0	0	*	0	0	0	0	0	6
14	20	33	6	7	0	0	0	0	0	0	0	0	5
15	10	20	0	20	0	0	0	0	0	0	0	14	7
16	11	0	0	17	0	0	0	0	0	0	0	8	6
17	14	25	0	17	0	0	0	0	0	0	0	20	9
18	17	0	0	20	0	0	*	0	*	0	0	0	4
19	14	0	0	0	0	0	0	0	0	0	0	0	2
20	14	0	50	40	0	0	0	0	0	0	0	0	13
21	10	0	0	0	*	0	0	0	*	0	0	0	2
22	17	0	0	0	*	0	*	0	0	*	0	0	4
23	11	0	*	0	*	0	0	0	0	0	0	0	3
ALL	14	11	3	11	0	0	0	0	0	0	1	4	5

TABLE 7-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	20	33	*	0	0	*	0	0	0	0	5
01	0	20	0	33	*	0	0	*	0	0	0	0	5
02	13	40	0	0	*	0	0	*	0	0	0	0	9
03	12	100	0	0	*	*	0	*	0	0	0	13	13
04	20	40	*	0	*	0	0	*	0	0	0	11	12
05	40	0	0	0	*	0	*	0	0	0	13	17	15
06	14	33	0	0	*	*	0	0	0	0	9	13	8
07	11	50	7	0	0	0	0	0	0	0	0	0	5
08	15	43	0	0	0	*	*	0	0	0	0	0	6
09	20	25	6	0	0	0	0	0	0	0	0	9	6
10	22	44	0	0	0	0	0	0	0	0	0	8	7
11	21	44	0	0	0	0	0	0	0	0	0	8	7
12	8	50	0	0	0	0	0	0	0	0	0	0	3
13	17	40	0	0	0	0	*	0	0	0	0	13	5
14	20	33	0	0	0	0	0	0	0	0	0	0	3
15	0	20	0	13	0	0	0	0	0	0	0	0	4
16	11	0	0	8	0	0	0	0	0	0	0	8	4
17	14	38	0	17	0	0	0	0	0	0	0	20	11
18	17	0	0	20	0	0	*	0	*	0	0	0	4
19	14	0	0	0	0	0	0	0	0	0	0	0	2
20	14	0	33	40	0	0	0	0	0	0	0	14	13
21	10	0	0	0	*	0	0	0	*	0	0	13	5
22	17	0	25	0	*	0	*	0	0	*	0	8	8
23	11	0	*	0	*	0	0	0	0	0	0	10	5
ALL	15	30	3	5	0	0	0	0	0	0	1	6	6

STATION: BERLIN (TEMPLEHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 7-8 THRU 7-10:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	7	3	5	3	0	1	2	0	1	2	9	8	41
01	11	5	2	3	0	1	1	0	2	1	8	7	41
02	8	5	1	1	0	2	1	0	1	3	6	6	34
03	17	3	4	3	0	0	1	0	1	3	5	8	45
04	10	5	0	2	0	1	1	0	1	4	9	9	42
05	10	2	4	3	0	1	0	2	1	4	8	6	41
06	7	3	7	7	0	0	1	1	1	6	11	8	52
07	9	4	15	9	2	1	1	4	3	5	11	14	78
08	13	7	17	8	4	0	0	4	3	8	16	10	90
09	15	4	18	13	5	1	2	4	2	8	14	11	97
10	18	9	23	12	3	3	2	6	5	12	17	12	122
11	14	9	26	14	4	5	2	5	6	11	10	13	119
12	13	6	28	17	6	4	1	4	3	7	15	11	115
13	12	5	18	21	4	7	0	7	7	3	18	8	110
14	10	3	16	15	6	5	6	6	4	3	11	10	95
15	10	5	15	15	4	3	2	5	6	5	8	7	85
16	9	2	6	12	3	2	4	6	2	3	7	12	68
17	7	8	7	6	5	2	1	2	3	4	4	5	54
18	6	5	6	5	2	3	0	2	0	3	9	8	49
19	7	4	2	4	1	2	1	1	1	4	7	8	42
20	7	5	6	5	1	2	1	1	2	1	8	7	46
21	10	3	4	4	0	1	1	2	0	1	8	8	42
22	12	2	4	3	0	1	0	2	1	0	11	12	48
23	9	3	0	4	0	1	1	1	1	1	9	10	40
ALL	251	110	234	189	50	49	32	65	57	102	239	218	1596

TABLE 7-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	80	0	0	33	*	100	*	*	0	*	67	0	40
01	71	*	0	*	*	100	0	*	0	100	80	40	59
02	67	0	0	*	*	50	*	*	*	0	25	0	22
03	20	0	50	100	*	*	*	*	0	*	33	29	30
04	57	0	*	0	*	*	*	*	0	50	75	33	42
05	50	0	*	100	*	*	*	50	0	0	0	40	32
06	20	0	20	0	*	*	*	*	*	0	25	0	14
07	40	33	33	43	50	0	*	0	*	33	14	17	30
08	40	20	25	50	0	*	*	0	0	0	25	60	28
09	25	0	14	43	*	0	0	0	0	17	43	14	22
10	11	17	36	60	0	*	100	50	*	25	20	17	28
11	22	40	30	43	0	25	*	0	0	50	20	40	29
12	25	33	54	64	33	0	*	0	100	50	33	17	40
13	14	33	25	54	*	50	*	*	67	*	33	20	37
14	38	50	17	20	25	33	0	50	33	33	20	17	27
15	20	33	40	25	50	0	*	50	50	75	17	25	33
16	20	100	50	38	0	0	0	0	*	0	75	50	35
17	33	40	50	25	33	*	*	50	100	33	67	50	45
18	67	33	60	25	*	0	*	100	*	0	33	50	41
19	17	75	*	50	0	50	*	100	*	0	60	50	44
20	50	60	0	33	*	*	100	100	100	100	50	67	54
21	67	67	0	50	*	100	*	100	*	100	50	60	59
22	30	50	*	67	*	100	*	*	*	*	14	100	44
23	29	0	*	67	*	100	100	*	*	0	75	50	48
ALL	36	32	32	45	22	37	40	41	38	31	36	34	35

STATION: BERLIN (TEMPLEHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

TABLE 7-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	33	50	33	*	0	*	*	0	*	0	0	15
01	0	*	0	*	*	0	0	*	0	0	0	0	0
02	0	0	0	*	*	0	*	*	*	0	0	0	0
03	20	67	0	0	*	*	*	*	0	*	0	14	17
04	14	33	*	0	*	*	*	*	0	0	0	17	13
05	0	0	*	0	*	*	*	0	0	0	25	20	11
06	0	0	0	50	*	*	*	*	*	0	0	0	5
07	40	0	0	0	0	0	*	0	*	0	0	0	5
08	20	0	0	33	0	*	*	0	0	0	0	0	7
09	25	0	0	14	*	0	0	0	0	0	0	0	6
10	11	0	0	20	0	*	0	0	*	0	0	17	5
11	22	0	0	0	0	0	*	0	0	0	20	0	6
12	25	0	0	9	0	0	*	0	0	0	0	0	5
13	43	33	13	15	*	0	*	*	0	*	0	0	13
14	13	0	17	0	0	0	0	0	0	0	0	0	4
15	20	0	0	13	0	0	*	0	0	0	0	0	5
16	20	0	0	25	0	0	0	0	*	0	0	0	9
17	33	0	0	25	0	*	*	0	0	0	0	25	9
18	0	0	0	25	*	0	*	0	*	0	0	0	3
19	17	0	*	0	0	0	0	0	*	0	0	0	4
20	25	0	33	33	*	*	0	0	0	0	0	0	12
21	11	0	0	0	*	0	*	0	*	0	0	0	3
22	10	0	*	0	*	0	*	*	*	*	0	0	4
23	14	0	*	0	*	0	0	*	*	0	0	0	4
ALL	16	7	4	14	0	0	0	0	0	0	2	4	7

TABLE 7-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	50	33	*	0	*	*	0	*	0	0	10
01	0	*	0	*	*	0	0	*	0	0	0	0	0
02	0	50	0	*	*	0	*	*	*	0	0	0	6
03	0	100	0	0	*	*	*	*	0	*	0	14	17
04	0	67	*	0	*	*	*	*	0	0	0	17	13
05	0	0	*	0	*	*	*	0	0	0	25	20	11
06	20	0	0	0	*	*	*	*	*	0	0	0	5
07	0	67	0	0	0	0	*	0	*	0	0	0	5
08	0	60	0	0	0	*	*	0	0	0	0	0	7
09	38	0	0	0	*	0	0	0	0	0	0	14	8
10	22	50	0	0	0	*	0	0	*	0	0	17	10
11	33	40	0	0	0	0	*	0	0	0	0	0	10
12	13	67	0	0	0	0	*	0	0	0	0	0	5
13	29	33	0	0	*	0	*	*	0	*	0	20	8
14	13	0	0	0	0	0	0	0	0	0	0	0	2
15	0	33	0	13	0	0	*	0	0	0	0	0	5
16	20	0	0	13	0	0	0	0	*	0	0	0	6
17	33	20	0	25	0	*	*	0	0	0	0	25	12
18	0	0	0	25	*	0	*	0	*	0	0	0	3
19	17	0	*	0	0	0	*	0	*	0	0	0	4
20	25	0	0	33	*	*	0	0	0	0	0	33	12
21	11	0	0	0	*	0	*	0	*	0	0	20	7
22	10	0	*	0	*	0	*	*	*	*	0	0	4
23	14	0	*	0	*	0	0	*	*	0	0	25	9
ALL	14	30	1	6	0	0	0	0	0	0	1	9	7

STATION: BERLIN (TEMPLEHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 7-11 THRU 7-13:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	3	2	3	0	1	0	0	1	0	3	2	20
01	7	0	1	0	0	1	1	0	1	1	5	5	22
02	3	2	1	0	0	2	0	0	0	1	4	5	18
03	5	3	2	2	0	0	0	0	1	0	3	7	23
04	7	3	0	1	0	0	0	0	1	2	4	6	24
05	4	1	0	1	0	0	0	2	1	1	4	5	19
06	5	1	5	2	0	0	0	0	0	1	4	4	22
07	5	3	9	7	2	1	0	1	0	3	7	6	44
08	5	5	8	6	1	0	0	2	1	5	8	5	46
09	8	1	7	7	0	1	2	2	2	6	7	7	50
10	9	6	11	5	2	0	2	2	0	8	10	6	61
11	9	5	10	7	2	4	0	1	1	2	5	5	51
12	8	3	13	11	3	3	0	1	1	4	9	6	62
13	7	3	8	13	0	4	0	0	3	0	9	5	52
14	8	2	6	5	4	3	2	2	2	3	5	6	48
15	5	3	5	8	2	2	0	2	2	4	6	4	43
16	5	1	4	8	3	1	1	1	0	2	4	4	34
17	3	5	4	4	3	0	0	2	2	3	3	4	33
18	3	3	5	4	0	2	0	1	0	1	6	4	29
19	6	4	0	2	1	2	0	1	0	2	5	4	27
20	4	5	3	3	0	0	1	1	1	1	4	3	26
21	9	3	3	2	0	1	0	1	0	1	4	5	29
22	10	2	0	3	0	1	0	0	0	0	7	4	27
23	7	2	0	3	0	1	1	0	0	1	4	4	23
ALL	147	69	107	107	23	30	10	22	20	52	130	116	833

TABLE 7-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	67	*	0	50	*	100	*	*	*	*	100	*	67
01	60	*	0	*	*	100	*	*	*	*	100	33	55
02	100	0	0	*	*	0	*	*	*	0	100	0	25
03	100	0	*	100	*	*	*	*	0	*	0	50	43
04	50	0	*	0	*	*	*	*	*	100	100	25	42
05	100	0	*	*	*	*	*	100	*	*	0	33	43
06	33	0	25	0	*	*	*	*	*	*	0	0	14
07	0	100	40	0	0	*	*	0	*	50	33	0	26
08	100	33	0	67	*	*	*	0	*	0	0	100	40
09	33	0	0	50	*	0	*	0	*	0	20	20	22
10	0	25	57	33	0	*	*	50	*	0	0	25	25
11	25	33	40	43	0	25	*	*	*	0	0	50	31
12	17	100	60	60	0	0	*	0	100	0	25	0	34
13	20	50	33	44	*	0	*	*	100	*	60	33	41
14	25	*	25	0	50	33	0	50	100	0	33	0	25
15	33	100	50	20	50	0	*	0	100	100	33	0	36
16	50	*	50	25	0	0	*	0	*	0	50	33	28
17	0	50	0	25	50	*	*	100	*	0	67	50	42
18	0	0	75	25	*	0	*	*	*	0	50	50	37
19	0	67	*	100	0	0	*	*	*	0	50	50	40
20	0	67	0	33	*	*	100	*	100	*	33	100	53
21	40	100	0	100	*	100	*	100	*	*	33	75	59
22	40	*	*	50	*	100	*	*	*	*	20	100	47
23	33	*	*	50	*	100	*	*	*	*	50	67	50
ALL	35	39	36	39	21	33	50	36	83	17	37	38	36

STATION: BERLIN (TEMPLEHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

TABLE 7-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	50	*	0	*	*	*	*	0	*	11
01	0	*	0	*	*	0	*	*	*	*	0	0	0
02	0	0	0	*	*	0	*	*	*	0	0	0	0
03	0	0	*	0	*	*	*	*	0	*	0	50	14
04	0	50	*	0	*	*	*	*	*	0	0	25	17
05	0	0	*	*	*	*	*	0	*	*	100	33	29
06	0	0	0	50	*	*	*	*	*	*	0	0	7
07	50	0	0	0	0	*	*	0	*	0	0	0	5
08	0	0	0	33	*	*	*	0	*	0	0	0	5
09	33	0	0	17	*	0	*	0	*	0	0	0	7
10	33	0	0	33	0	*	*	0	*	0	0	25	9
11	0	0	0	0	0	0	*	*	*	0	0	0	0
12	33	0	0	20	0	0	*	0	0	0	0	0	10
13	40	50	0	22	*	0	*	*	0	*	0	0	17
14	25	*	0	0	0	0	0	0	0	0	0	0	4
15	33	0	0	20	0	0	*	0	0	0	0	0	8
16	50	*	0	25	0	0	*	0	*	0	0	0	11
17	100	0	0	25	0	*	*	0	*	0	0	25	16
18	0	0	0	25	*	0	*	*	*	0	0	0	5
19	0	0	*	0	0	0	*	*	*	0	0	0	0
20	100	0	0	33	*	*	0	*	0	*	0	0	13
21	20	0	0	0	*	0	*	0	*	*	0	0	6
22	20	*	*	0	*	0	*	*	*	*	0	0	7
23	17	*	*	0	*	0	*	*	*	*	0	0	7
ALL	21	6	0	19	0	0	0	0	0	0	1	8	8

TABLE 7-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	50	*	0	*	*	*	*	0	*	11
01	0	*	0	*	*	0	*	*	*	*	0	0	0
02	0	100	0	*	*	0	*	*	*	0	0	0	13
03	0	100	*	0	*	*	*	*	0	*	0	50	29
04	0	50	*	0	*	*	*	*	*	0	0	25	17
05	0	0	*	*	*	*	*	0	*	*	100	33	29
06	0	0	0	0	*	*	*	*	*	*	0	0	0
07	0	0	0	0	0	*	*	0	*	0	0	0	0
08	0	33	0	0	*	*	*	0	*	0	0	0	5
09	33	0	0	0	*	0	*	0	*	0	0	20	7
10	67	50	0	0	0	*	*	0	*	0	0	25	16
11	25	33	0	0	0	0	*	*	*	0	0	0	7
12	17	0	0	0	0	0	*	0	0	0	0	0	3
13	20	0	0	0	*	0	*	*	0	*	0	33	7
14	25	*	0	0	0	0	0	0	0	0	0	0	4
15	0	0	0	20	0	0	*	0	0	0	0	0	4
16	50	*	0	25	0	0	*	0	*	0	0	0	11
17	100	0	0	25	0	*	*	0	*	0	0	25	16
18	0	0	0	25	*	0	*	*	*	0	0	0	5
19	0	0	*	0	0	0	*	*	*	0	0	0	0
20	100	0	0	33	*	*	0	*	0	*	0	0	13
21	20	0	0	0	*	0	*	0	*	*	0	25	12
22	20	*	*	0	*	0	*	*	*	*	0	0	7
23	17	*	*	0	*	0	*	*	*	*	0	33	14
ALL	18	21	0	9	0	0	0	0	0	0	1	14	8

STATION: BERLIN (TEMPLEHOF), FRG WMO #: 103840 RUNWAY HEADING: 090-270

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 7-14 THRU 7-16:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	0	1	2	0	1	0	0	0	0	2	0	9
01	5	0	1	0	0	1	0	0	0	0	1	3	11
02	1	1	1	0	0	1	0	0	0	1	1	2	8
03	1	1	0	1	0	0	0	0	1	0	1	2	7
04	2	2	0	1	0	0	0	0	0	1	2	4	12
05	1	1	0	0	0	0	0	1	0	0	1	3	7
06	3	1	4	2	0	0	0	0	0	0	1	3	14
07	2	1	5	2	1	0	0	1	0	2	3	2	19
08	2	3	3	3	0	0	0	2	0	1	3	3	20
09	3	1	3	6	0	1	0	1	0	2	5	5	27
10	3	4	7	3	2	0	0	2	0	2	5	4	32
11	4	3	5	7	1	4	0	0	0	1	2	2	29
12	6	1	5	5	1	2	0	1	1	1	4	2	29
13	5	2	3	9	0	1	0	0	1	0	5	3	29
14	4	0	4	3	2	3	1	2	1	2	3	3	28
15	3	1	4	5	2	1	0	1	1	1	3	3	25
16	2	0	2	4	2	1	0	1	0	1	2	3	18
17	1	2	1	4	2	0	0	1	0	1	3	4	19
18	1	2	4	4	0	1	0	0	0	1	4	2	19
19	2	3	0	1	1	1	0	0	0	1	4	2	15
20	1	3	1	3	0	0	1	0	1	0	3	2	15
21	5	1	1	1	0	1	0	1	0	0	3	4	17
22	5	0	0	2	0	1	0	0	0	0	5	2	15
23	6	0	0	2	0	1	0	0	0	0	2	3	14
ALL	71	33	55	70	14	21	2	14	6	18	68	66	438

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

TABLE 8-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	7	2	6	2	2	1	1	0	2	2	6	6	3
01	8	3	5	2	1	1	0	0	2	3	7	7	3
02	8	2	5	3	1	1	0	0	2	2	5	6	3
03	7	3	5	2	1	1	0	0	2	2	6	7	3
04	9	3	4	2	1	2	0	0	1	2	6	6	3
05	9	3	4	2	1	1	0	0	1	3	4	4	3
06	9	3	5	3	2	2	1	0	2	2	5	5	3
07	10	4	5	3	3	1	2	1	2	2	5	5	4
08	7	4	5	3	4	3	1	2	3	2	5	5	4
09	9	4	9	8	4	4	1	2	3	3	7	4	5
10	9	6	11	9	6	5	3	3	5	5	6	5	6
11	11	5	10	13	6	6	6	6	5	6	8	7	7
12	12	7	9	11	7	6	5	6	7	7	8	6	8
13	10	7	9	12	8	8	6	6	6	8	7	6	8
14	10	6	11	14	7	9	9	5	8	6	9	6	9
15	11	5	9	14	7	9	8	4	7	6	7	8	8
16	10	4	10	13	7	7	7	6	6	4	6	7	7
17	9	4	7	11	5	7	6	3	5	4	5	6	6
18	12	3	7	7	4	5	3	2	2	2	7	6	5
19	9	5	6	6	2	4	2	0	2	2	6	7	4
20	10	4	5	3	2	1	1	2	2	2	6	7	4
21	9	3	4	4	2	2	1	1	2	1	5	5	3
22	7	3	6	3	2	1	1	0	2	2	5	6	3
23	7	5	6	4	2	1	0	0	1	2	6	4	3
ALL	9	4	7	6	4	4	3	2	3	4	6	6	5

TABLE 8-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	1	2	1	0	0	0	0	1	1	2	2	1
01	3	1	2	1	0	0	0	0	0	1	3	2	1
02	3	1	2	1	0	0	0	0	0	1	3	3	1
03	3	1	1	1	0	0	0	0	1	1	2	1	1
04	3	1	2	1	0	1	0	0	1	1	3	2	1
05	2	2	2	1	0	1	0	0	0	0	2	2	1
06	3	1	2	1	1	1	0	0	0	1	1	1	1
07	3	1	2	1	1	0	0	0	0	1	1	1	1
08	4	2	2	1	1	1	0	0	1	1	1	2	1
09	2	2	2	2	2	1	0	0	1	1	2	1	1
10	3	2	2	3	1	1	0	0	1	1	2	2	2
11	4	1	3	4	2	2	1	1	1	2	2	2	2
12	6	3	3	4	2	1	0	1	2	2	2	3	2
13	4	2	2	7	3	2	2	1	2	1	3	1	2
14	4	2	2	5	3	2	3	3	3	2	4	2	3
15	4	2	2	7	2	3	2	2	3	2	2	2	3
16	4	1	2	5	2	1	2	2	3	1	2	3	2
17	3	1	1	4	2	2	2	1	2	0	3	2	2
18	4	1	2	3	1	2	1	1	1	1	3	1	2
19	4	2	2	2	1	1	1	0	1	0	3	2	2
20	4	1	2	2	0	0	1	0	1	1	2	1	1
21	4	1	2	1	0	0	0	0	0	0	2	0	1
22	3	0	3	1	0	0	1	0	0	1	3	1	1
23	3	1	1	1	1	0	0	0	0	0	2	0	1
ALL	3	1	2	3	1	1	1	1	1	1	2	2	2

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

TABLE 8-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	0	0	0	0	0	1	1	0
01	1	1	0	0	0	0	0	0	0	0	1	1	0
02	2	1	0	0	0	0	0	0	0	0	1	1	0
03	1	0	0	0	0	0	0	0	0	0	0	0	0
04	1	1	1	0	0	0	0	0	0	0	1	0	0
05	0	1	0	0	0	0	0	0	0	0	1	0	0
06	1	1	1	0	0	0	0	0	0	0	1	0	0
07	1	0	0	0	0	0	0	0	0	0	0	0	0
08	1	1	0	0	0	0	0	0	0	0	0	0	0
09	1	1	0	1	0	0	0	0	0	0	0	0	0
10	1	1	0	1	0	0	0	0	0	0	0	1	0
11	1	0	0	1	0	0	0	0	0	0	0	1	0
12	1	1	1	2	0	0	0	0	0	0	0	0	1
13	1	0	0	1	0	0	0	0	0	0	0	0	0
14	1	1	1	2	1	1	0	0	0	0	2	0	1
15	2	0	0	2	0	1	1	1	0	1	1	0	1
16	2	1	0	2	1	0	1	0	1	0	0	1	1
17	1	0	0	1	0	0	1	0	1	0	1	1	0
18	1	0	0	1	0	1	0	0	0	0	1	0	0
19	2	1	0	0	0	0	0	0	0	0	1	0	0
20	1	0	0	0	0	0	0	0	0	0	1	0	0
21	1	0	0	1	0	0	0	0	0	0	0	0	0
22	1	0	0	1	0	0	0	0	0	0	1	0	0
23	1	0	0	0	0	0	0	0	0	0	1	0	0
ALL	1	0	0	1	0	0	0	0	0	0	1	0	0

TABLE 8-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	1	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	1	0	0	0	0	0	0	0	0	0
13	0	0	0	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	2	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	0	0	1	0	0	0	0	0	0	1	0	0
19	1	1	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	1	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS USED IN TABLES 8-1 THRU 8-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	434	395	403	390	403	390	403	343	390	403	390	403	4747
01	434	395	403	390	403	390	403	343	390	403	390	403	4747
02	434	395	403	390	403	390	403	380	390	403	390	403	4784
03	434	395	403	390	403	390	403	399	390	403	390	403	4803
04	434	395	403	390	403	390	403	402	390	403	390	403	4806
05	434	395	403	390	403	390	403	403	390	403	390	403	4807
06	434	395	403	390	403	390	403	403	390	403	390	403	4807
07	434	395	403	390	403	390	403	403	390	403	390	403	4807
08	434	395	403	390	403	390	403	403	390	403	390	403	4807
09	434	395	403	390	403	390	403	403	390	403	390	403	4807
10	434	395	403	390	403	390	403	403	390	403	390	403	4807
11	434	395	403	390	403	390	403	394	390	403	390	403	4798
12	434	395	403	390	403	390	402	384	390	403	390	403	4787
13	434	395	403	390	403	390	402	384	390	403	390	403	4787
14	434	395	403	390	403	390	402	384	390	403	390	403	4787
15	434	395	403	390	403	390	402	364	390	403	390	403	4767
16	434	395	403	390	403	390	402	364	390	403	390	403	4767
17	434	395	403	390	403	390	402	344	390	403	390	403	4747
18	434	395	403	390	403	390	402	344	390	403	390	403	4747
19	434	395	403	390	403	390	402	344	390	403	390	403	4747
20	434	395	403	390	403	390	402	344	390	403	390	403	4747
21	434	395	403	390	403	390	402	345	390	403	390	403	4748
22	434	395	403	390	403	390	402	345	390	403	390	403	4748
23	434	395	403	390	402	390	401	345	390	402	390	403	4745
		9480		9360		9360		8970		9671		9672	
ALL	10416		9672		9671		9659		9360		9360		114651

TABLE 8-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	23	22	31	38	25	20	0	0	50	10	46	43	32
01	15	25	50	57	0	20	0	0	38	42	31	45	33
02	29	11	43	27	17	40	0	*	75	33	38	46	36
03	34	25	53	44	50	33	0	*	75	60	26	41	40
04	28	23	50	14	0	50	50	0	33	44	46	48	37
05	35	17	39	57	25	25	100	50	0	67	41	47	39
06	33	27	45	20	33	17	33	0	17	63	47	43	36
07	28	20	52	8	23	20	43	33	29	40	60	41	35
08	22	19	33	0	19	15	60	0	31	56	61	52	31
09	28	24	26	0	19	12	17	10	23	23	39	29	22
10	35	23	30	19	17	11	17	8	17	24	41	23	24
11	26	24	23	13	12	9	0	17	14	20	37	18	18
12	30	21	32	12	13	5	9	8	15	18	43	23	21
13	29	23	40	23	16	17	9	4	23	13	27	35	22
14	29	17	31	18	14	17	5	0	22	15	40	32	21
15	23	19	22	15	7	14	16	13	35	19	52	26	21
16	28	29	33	20	29	19	18	14	33	28	30	39	27
17	29	18	37	14	33	3	19	9	42	41	47	35	27
18	30	20	47	14	0	21	0	17	43	29	50	27	28
19	32	28	48	23	13	7	25	0	33	43	35	32	30
20	31	33	50	18	38	0	33	33	50	20	39	37	34
21	34	9	69	7	57	28	25	0	38	0	40	27	33
22	31	15	54	20	38	33	50	0	67	43	20	46	37
23	29	27	36	29	22	25	*	*	25	40	41	28	32
ALL	29	22	38	18	19	15	15	10	31	29	40	36	27

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

TABLE 8-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	30	33	12	13	0	0	0	0	0	0	8	4	12
01	30	33	5	0	0	0	0	0	0	0	4	3	11
02	23	44	5	9	0	0	0	*	0	0	5	8	11
03	28	17	5	11	0	0	0	*	0	0	4	11	11
04	15	23	11	29	0	0	0	0	0	0	8	13	12
05	19	33	17	29	0	0	0	0	0	0	12	6	14
06	10	36	15	20	0	0	0	0	0	0	11	10	11
07	12	20	10	25	0	0	0	0	0	10	10	14	11
08	3	19	14	36	0	0	0	0	0	0	0	19	8
09	5	6	5	16	0	0	0	0	0	0	4	12	5
10	19	9	5	8	0	0	0	0	0	0	0	18	6
11	20	10	13	8	0	0	0	0	0	0	3	25	8
12	11	11	8	7	0	0	0	0	0	0	3	23	6
13	17	8	9	6	3	0	0	0	0	0	8	22	6
14	16	0	4	9	0	0	0	0	0	0	3	16	5
15	26	0	0	4	0	0	0	0	0	0	4	13	5
16	19	6	3	6	0	0	0	0	0	0	0	14	5
17	22	12	7	2	0	0	0	0	0	0	5	12	6
18	20	10	7	7	0	0	0	0	0	0	4	12	8
19	21	22	4	0	0	0	0	0	0	0	4	7	8
20	17	7	5	0	0	0	0	0	0	0	0	15	7
21	18	9	0	7	0	0	0	0	0	0	5	9	8
22	24	31	8	20	0	0	0	0	0	0	5	12	12
23	16	18	4	0	0	0	*	*	0	0	5	17	8
ALL	18	15	7	8	0	0	0	0	0	0	5	13	8

TABLE 8-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	13	33	8	13	0	0	0	0	0	0	13	0	8
01	18	33	0	0	0	0	0	0	0	0	4	14	9
02	17	44	0	0	0	0	0	*	0	0	5	4	8
03	13	33	5	11	0	0	0	*	0	0	4	7	9
04	13	31	6	14	0	0	0	0	0	0	4	9	9
05	14	42	6	14	0	0	0	0	0	0	12	18	13
06	15	36	5	10	0	0	0	0	0	0	11	14	11
07	16	40	14	8	0	0	0	0	0	0	15	14	13
08	6	19	10	9	0	0	0	0	0	0	11	14	7
09	13	24	5	6	0	0	0	0	0	0	11	12	7
10	19	14	0	3	0	0	0	0	0	0	5	9	5
11	20	19	0	0	0	0	0	0	0	0	7	21	6
12	15	18	0	0	0	0	0	0	0	0	3	8	4
13	12	23	3	0	0	0	0	0	0	0	4	0	4
14	18	13	4	0	0	0	0	0	0	0	3	16	4
15	23	19	3	0	0	0	0	0	0	0	7	3	5
16	21	18	3	0	0	0	0	0	0	0	4	18	6
17	24	24	3	0	0	0	0	0	0	0	16	15	7
18	20	20	7	0	0	0	0	0	0	0	7	0	7
19	21	28	4	0	0	0	0	0	0	0	13	4	9
20	19	13	10	0	0	0	0	0	0	0	9	7	9
21	24	17	0	0	0	0	0	0	0	0	15	9	10
22	28	31	0	10	0	0	0	0	0	0	5	4	10
23	19	18	16	0	0	0	*	*	0	0	5	11	10
ALL	18	24	4	2	0	0	0	0	0	0	8	9	7

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS USED IN TABLES 8-5 THRU 8-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	30	9	26	8	8	5	3	1	8	10	24	23	155
01	33	12	22	7	5	5	1	1	8	12	26	29	161
02	35	9	21	11	6	5	2	0	8	9	21	24	151
03	32	12	19	9	4	3	2	0	8	10	23	27	149
04	39	13	18	7	5	6	2	1	3	9	24	23	150
05	37	12	18	7	4	4	1	2	5	12	17	17	136
06	39	11	20	10	9	6	6	2	6	8	19	21	157
07	43	15	21	12	13	5	7	3	7	10	20	22	178
08	32	16	21	11	16	13	5	7	13	9	18	21	182
09	39	17	38	31	16	17	6	10	13	13	28	17	245
10	37	22	43	37	23	18	12	13	18	21	22	22	288
11	46	21	39	52	26	23	23	23	21	25	30	28	357
12	53	28	38	41	30	22	22	24	26	28	30	26	368
13	42	26	35	47	32	30	23	24	22	31	26	23	361
14	45	23	45	56	28	35	38	20	32	26	35	25	408
15	47	21	36	55	28	35	32	15	26	26	27	31	379
16	43	17	39	50	28	26	28	21	24	18	23	28	345
17	41	17	30	42	21	29	26	11	19	17	19	26	298
18	50	10	30	29	15	19	11	6	7	7	28	26	238
19	38	18	23	22	8	14	8	1	9	7	23	28	199
20	42	15	20	11	8	5	6	6	6	10	23	27	179
21	38	11	16	15	7	8	4	2	8	4	20	22	155
22	29	13	24	10	8	3	6	1	6	7	20	26	153
23	31	11	25	14	9	4	0	0	4	10	22	18	148
ALL	941	379	667	594	357	340	274	194	307	339	568	580	5540

TABLE 8-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	33	50	50	100	*	*	*	50	20	50	29	40
01	15	25	57	25	0	0	*	*	*	33	20	56	30
02	36	20	63	0	*	0	*	*	0	33	50	42	38
03	42	25	80	25	*	0	*	*	100	75	17	33	43
04	29	40	63	33	*	67	*	*	33	60	60	50	47
05	40	29	50	50	*	50	*	*	0	100	56	50	47
06	42	40	56	0	0	0	*	*	*	67	40	33	39
07	21	40	38	0	25	100	0	*	0	33	60	50	31
08	31	14	25	0	0	50	*	0	33	25	25	57	25
09	30	43	40	0	14	33	*	0	0	50	63	33	31
10	27	38	22	17	0	20	0	0	0	0	63	43	25
11	19	25	33	13	22	0	0	20	20	13	22	33	20
12	38	30	33	18	13	0	50	0	33	14	43	18	26
13	38	29	20	33	15	11	0	25	43	0	40	50	27
14	29	22	20	10	8	25	0	0	30	25	67	43	23
15	31	14	33	17	14	30	25	29	40	25	56	25	27
16	31	25	44	19	40	20	30	33	27	17	63	45	32
17	31	20	50	14	25	0	38	0	86	50	55	44	35
18	31	0	57	20	0	25	0	50	50	25	50	25	30
19	37	14	44	33	33	0	40	0	50	100	40	20	33
20	38	0	57	29	100	*	67	*	100	33	33	33	40
21	50	0	63	20	0	100	*	*	100	0	29	50	41
22	54	0	64	25	0	*	60	*	0	67	18	33	43
23	42	0	25	20	67	0	*	*	100	0	44	0	33
ALL	34	24	44	19	18	20	22	16	40	31	45	38	32

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

TABLE 8-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	56	67	0	0	0	*	*	*	0	0	13	14	20
01	38	25	14	0	0	0	*	*	*	0	10	11	17
02	29	40	0	0	*	0	*	*	0	0	8	8	13
03	42	25	0	0	*	0	*	*	0	0	0	0	14
04	14	40	0	67	*	0	*	*	0	0	0	13	12
05	20	29	13	50	*	0	*	*	0	0	11	13	16
06	0	40	33	50	0	0	*	*	*	0	20	0	16
07	14	20	25	20	0	0	0	*	0	0	0	0	12
08	0	43	13	20	0	0	*	0	0	0	0	0	8
09	10	0	10	22	0	0	*	0	0	0	0	0	6
10	20	13	22	17	0	0	0	0	0	0	0	14	11
11	19	25	25	13	0	0	0	0	0	0	0	22	11
12	13	20	17	18	0	0	0	0	0	0	0	18	11
13	13	14	10	11	0	0	0	0	0	0	10	25	8
14	35	0	0	15	0	0	0	0	0	0	7	0	7
15	31	0	0	7	0	0	0	0	0	0	11	13	7
16	31	25	0	10	0	0	0	0	0	0	0	27	9
17	31	40	17	0	0	0	0	0	0	0	0	11	9
18	19	33	0	0	0	0	0	0	0	0	0	25	6
19	21	29	11	0	0	0	0	0	0	0	0	20	12
20	6	33	0	0	0	*	0	*	0	0	0	17	5
21	13	0	0	20	0	0	*	*	0	0	14	0	9
22	8	100	9	25	0	*	0	*	0	0	9	17	11
23	25	25	0	0	0	0	*	*	0	0	11	0	12
ALL	20	23	10	11	0	0	0	0	0	0	5	13	10

TABLE 8-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	11	33	0	0	0	*	*	*	0	0	13	0	7
01	23	25	0	0	0	0	*	*	*	0	10	11	11
02	21	20	0	0	*	0	*	*	0	0	8	0	8
03	17	25	0	0	*	0	*	*	0	0	0	0	7
04	14	20	0	33	*	0	*	*	0	0	0	13	8
05	10	29	0	50	*	0	*	*	0	0	11	25	14
06	0	20	11	0	0	0	*	*	*	0	20	0	7
07	7	20	0	20	0	0	0	*	0	0	20	0	8
08	6	29	13	20	0	0	*	0	0	0	25	0	10
09	10	0	0	11	0	0	*	0	0	0	0	0	3
10	13	0	0	0	0	0	0	0	0	0	13	14	5
11	19	0	0	0	0	0	0	0	0	0	11	0	4
12	13	0	0	0	0	0	0	0	0	0	0	0	3
13	13	0	0	0	0	0	0	0	0	0	0	0	2
14	29	11	0	0	0	0	0	0	0	0	7	0	5
15	13	0	0	0	0	0	0	0	0	0	11	13	3
16	31	0	0	0	0	0	0	0	0	0	13	9	6
17	31	20	0	0	0	0	0	0	0	0	9	11	8
18	13	0	14	0	0	0	0	0	0	0	8	0	5
19	21	0	0	0	0	0	0	0	0	0	10	0	6
20	13	0	0	0	0	*	0	*	0	0	11	0	5
21	25	0	0	0	0	0	*	*	0	0	14	0	11
22	15	100	0	0	0	*	0	*	0	0	9	17	9
23	17	25	25	0	0	0	*	*	0	0	11	0	12
ALL	16	12	2	2	0	0	0	0	0	0	9	6	6

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 8-8 THRU 8-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	3	8	2	1	0	0	0	2	5	8	7	45
01	13	4	7	4	2	1	0	0	0	3	10	9	53
02	14	5	8	4	0	1	0	0	1	3	12	12	60
03	12	4	5	4	0	1	0	0	2	4	6	6	44
04	14	5	8	3	0	3	0	0	3	5	10	8	59
05	10	7	8	2	0	2	0	0	1	2	9	8	49
06	12	5	9	2	3	2	0	0	0	3	5	3	44
07	14	5	8	5	4	1	2	0	1	3	5	4	52
08	16	7	8	5	6	2	0	1	3	4	4	7	63
09	10	7	10	9	7	3	0	1	2	4	8	3	64
10	15	8	9	12	6	5	2	2	2	3	8	7	79
11	16	4	12	16	9	6	3	5	5	8	9	9	102
12	24	10	12	17	8	5	2	3	6	7	7	11	112
13	16	7	10	27	13	9	7	4	7	5	10	4	119
14	17	9	10	20	13	8	14	11	10	8	15	7	142
15	16	7	9	29	7	10	8	7	10	8	9	8	128
16	16	4	9	21	10	5	10	6	11	6	8	11	117
17	13	5	6	14	8	7	8	2	7	2	11	9	92
18	16	3	7	10	5	8	4	2	4	4	12	4	79
19	19	7	9	9	3	2	5	1	2	1	10	10	78
20	16	3	7	7	1	0	3	0	2	3	9	6	57
21	16	4	8	5	1	1	0	0	1	1	7	2	46
22	13	1	11	4	1	0	5	0	1	3	11	6	56
23	12	4	4	5	3	1	0	0	1	1	9	2	42
ALL	349	128	202	236	111	83	73	45	84	96	212	163	1782

TABLE 8-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	0	100	100	100	*	*	*	*	0	100	33	47
01	0	50	0	100	*	*	*	*	*	0	0	67	29
02	25	0	100	0	*	*	*	*	*	100	20	33	29
03	50	100	100	0	*	0	*	*	100	0	0	0	42
04	0	50	67	*	*	*	*	*	100	*	50	100	50
05	0	50	100	100	*	*	*	*	*	*	0	0	33
06	25	33	40	*	0	*	*	*	*	100	50	*	38
07	20	*	50	0	*	*	*	*	*	0	100	50	33
08	33	0	0	0	0	*	*	*	*	*	100	100	27
09	33	40	0	0	*	0	*	*	*	0	100	*	25
10	25	25	*	0	0	*	*	*	*	0	*	40	22
11	33	0	0	40	0	*	0	*	*	0	*	25	23
12	17	0	75	29	0	*	100	*	0	0	100	0	31
13	50	0	0	50	50	0	0	*	0	0	0	0	33
14	20	33	0	13	0	50	*	0	100	100	50	0	26
15	50	100	100	25	*	0	33	67	*	33	100	0	42
16	25	0	100	29	50	*	33	*	0	0	*	25	29
17	33	0	0	67	100	*	0	*	100	*	33	50	41
18	40	0	0	67	0	50	*	100	*	*	67	0	44
19	67	0	100	100	*	*	*	*	*	*	67	0	56
20	50	0	50	*	*	*	0	*	100	100	67	0	47
21	25	0	100	50	*	*	*	*	*	*	100	*	50
22	75	*	50	33	*	*	50	*	*	0	0	50	41
23	20	*	0	100	100	*	*	*	*	*	67	0	38
ALL	33	24	45	34	29	22	27	60	55	28	50	33	35

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

TABLE 8-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	80	100	0	0	0	*	*	*	*	0	0	0	33
01	50	0	0	0	*	*	*	*	*	0	0	33	21
02	38	50	0	0	*	*	*	*	*	0	0	0	19
03	50	0	0	0	*	0	*	*	0	0	0	0	17
04	0	50	0	*	*	*	*	*	0	*	0	0	8
05	0	0	0	0	*	*	*	*	*	*	0	0	0
06	0	33	40	*	0	*	*	*	*	0	0	*	19
07	20	*	50	0	*	*	*	*	*	0	0	0	17
08	0	33	50	0	0	*	*	*	*	*	0	0	13
09	0	0	50	33	*	0	*	*	*	0	0	*	13
10	0	0	*	33	0	*	*	*	*	0	*	20	11
11	33	0	100	20	0	*	0	*	*	0	*	50	32
12	17	0	0	43	0	*	0	*	0	0	0	0	15
13	0	0	0	25	0	0	0	*	0	0	0	50	10
14	60	0	0	25	0	0	*	0	0	0	17	0	17
15	50	0	0	0	*	0	0	0	*	0	0	0	12
16	38	33	0	14	0	*	0	*	0	0	*	25	17
17	33	100	50	0	0	*	0	*	0	*	0	0	14
18	0	100	0	0	0	0	*	0	*	*	0	0	6
19	11	50	0	0	*	*	*	*	*	*	0	0	11
20	0	0	0	*	*	*	0	*	0	0	0	0	0
21	25	0	0	0	*	*	*	*	*	*	0	*	10
22	0	*	0	33	*	*	0	*	*	0	0	0	6
23	40	*	0	0	0	*	*	*	*	*	0	0	15
ALL	24	21	18	17	0	0	0	0	0	0	2	13	15

TABLE 8-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	0	0	0	0	*	*	*	*	0	0	0	7
01	25	0	0	0	*	*	*	*	*	0	0	0	7
02	38	0	0	0	*	*	*	*	*	0	0	0	14
03	0	0	0	0	*	0	*	*	0	0	0	0	0
04	0	0	0	*	*	*	*	*	0	*	0	0	0
05	0	0	0	0	*	*	*	*	*	*	0	0	0
06	0	0	0	*	0	*	*	*	*	0	0	*	0
07	20	*	0	0	*	*	*	*	*	0	0	0	8
08	0	33	0	0	0	*	*	*	*	*	0	0	7
09	0	0	0	0	*	0	*	*	*	0	0	*	0
10	0	0	*	0	0	*	*	*	*	0	*	0	0
11	17	0	0	0	0	*	0	*	*	0	*	0	5
12	33	0	0	0	0	*	0	*	0	0	0	0	8
13	17	0	0	0	0	0	0	*	0	0	0	0	5
14	40	0	0	0	0	0	*	0	0	0	17	0	9
15	13	0	0	0	*	0	0	0	*	0	0	50	6
16	25	0	0	0	0	*	0	*	0	0	*	0	6
17	33	0	0	0	0	*	0	*	0	*	0	0	5
18	0	0	0	0	0	0	*	0	*	*	0	0	0
19	11	0	0	0	*	*	*	*	*	*	0	0	6
20	0	0	0	*	*	*	0	*	0	0	0	0	0
21	25	0	0	0	*	*	*	*	*	*	0	*	10
22	0	*	0	0	*	*	0	*	*	0	0	0	0
23	20	*	0	0	0	*	*	*	*	*	0	0	8
ALL	15	2	0	0	0	0	0	0	0	0	2	2	5

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 8-11 THRU 8-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	1	1	1	1	0	0	0	0	1	2	3	15
01	4	2	1	1	0	0	0	0	0	1	2	3	14
02	8	2	1	1	0	0	0	0	0	1	5	3	21
03	4	1	1	1	0	1	0	0	1	1	1	1	12
04	3	2	3	0	0	0	0	0	1	0	2	1	12
05	2	2	1	1	0	0	0	0	0	0	2	1	9
06	4	3	5	0	1	0	0	0	0	1	2	0	16
07	5	0	2	1	0	0	0	0	0	1	1	2	12
08	6	3	2	1	1	0	0	0	0	0	1	1	15
09	3	5	2	3	0	1	0	0	0	1	1	0	16
10	4	4	0	3	1	0	0	0	0	1	0	5	18
11	6	1	2	5	2	0	1	0	0	1	0	4	22
12	6	2	4	7	2	0	1	0	1	1	1	1	26
13	6	1	1	4	2	1	1	0	1	1	1	2	21
14	5	3	3	8	4	2	0	1	1	1	6	1	35
15	8	1	1	8	0	2	3	3	0	3	2	2	33
16	8	3	2	7	4	0	3	0	3	1	0	4	35
17	3	1	2	3	1	0	3	0	2	0	3	4	22
18	5	1	1	3	1	2	0	1	0	0	3	1	18
19	9	2	1	1	0	0	0	0	0	0	3	2	18
20	6	1	2	0	0	0	1	0	1	1	3	2	17
21	4	1	2	2	0	0	0	0	0	0	1	0	10
22	4	0	2	3	0	0	2	0	0	1	3	2	17
23	5	0	2	1	1	0	0	0	0	0	3	1	13
ALL	123	42	44	65	21	9	15	5	11	18	48	46	447

TABLE 8-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	*	*	*	*	*	*	*	*	*	100	100	75
01	0	*	*	*	*	*	*	*	*	*	*	100	50
02	0	0	100	0	*	*	*	*	*	*	*	*	20
03	100	*	*	0	*	*	*	*	100	0	*	0	40
04	0	*	100	*	*	*	*	*	*	*	100	*	67
05	0	*	100	*	*	*	*	*	*	*	*	*	50
06	0	0	0	*	*	*	*	*	*	100	*	*	20
07	*	*	0	*	*	*	*	*	*	*	*	100	50
08	*	0	*	*	*	*	*	*	*	*	*	*	0
09	50	*	0	*	*	*	*	*	*	*	100	*	50
10	50	0	*	*	*	*	*	*	*	*	*	50	40
11	50	0	*	*	*	*	*	*	*	*	*	*	33
12	*	0	50	50	*	*	100	*	*	*	*	*	50
13	50	0	0	100	*	*	0	*	*	*	*	*	43
14	50	100	0	0	0	*	*	*	*	*	0	0	25
15	57	100	*	100	*	*	0	*	*	*	100	*	64
16	*	0	100	0	100	*	0	*	*	*	*	*	40
17	50	*	0	*	*	*	*	*	*	*	0	0	20
18	33	0	*	50	0	100	*	100	*	*	50	*	45
19	67	0	*	*	*	*	*	*	*	*	100	0	43
20	50	0	0	*	*	*	*	*	*	100	*	*	40
21	*	0	*	100	*	*	*	*	*	*	100	*	67
22	50	*	*	*	*	*	*	*	*	*	0	*	25
23	50	*	*	*	*	*	*	*	*	*	*	*	50
ALL	45	13	38	50	33	100	25	100	100	67	58	44	43

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

TABLE 8-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	*	*	*	*	*	*	*	*	*	0	0	25
01	0	*	*	*	*	*	*	*	*	*	*	0	0
02	100	100	0	0	*	*	*	*	*	*	*	*	60
03	0	*	*	0	*	*	*	*	0	0	*	0	0
04	0	*	0	*	*	*	*	*	*	*	0	*	0
05	0	*	0	*	*	*	*	*	*	*	*	*	0
06	0	50	100	*	*	*	*	*	*	0	*	*	40
07	*	*	100	*	*	*	*	*	*	*	*	0	50
08	*	0	*	*	*	*	*	*	*	*	*	*	0
09	0	*	100	*	*	*	*	*	*	*	0	*	25
10	0	0	*	*	*	*	*	*	*	*	*	0	0
11	0	0	*	*	*	*	*	*	*	*	*	*	0
12	*	0	0	50	*	*	0	*	*	*	*	*	17
13	0	0	0	0	*	*	0	*	*	*	*	*	0
14	50	0	0	0	0	*	*	*	*	*	0	0	13
15	43	0	*	0	*	*	0	*	*	*	0	*	27
16	*	100	0	0	0	*	0	*	*	*	*	*	20
17	0	*	0	*	*	*	*	*	*	*	0	0	0
18	0	100	*	0	0	0	*	0	*	*	0	*	9
19	33	50	*	*	*	*	*	*	*	*	0	0	29
20	0	0	0	*	*	*	*	*	*	0	*	*	0
21	*	0	*	0	*	*	*	*	*	*	0	*	0
22	0	*	*	*	*	*	*	*	*	*	0	*	0
23	50	*	*	*	*	*	*	*	*	*	*	*	50
ALL	23	31	23	8	0	0	0	0	0	0	0	0	16

TABLE 8-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	*	*	*	*	*	*	*	*	*	0	0	25
01	0	*	*	*	*	*	*	*	*	*	*	0	0
02	50	0	0	0	*	*	*	*	*	*	*	*	20
03	0	*	*	0	*	*	*	*	0	0	*	0	0
04	0	*	0	*	*	*	*	*	*	*	0	*	0
05	0	*	0	*	*	*	*	*	*	*	*	*	0
06	0	0	0	*	*	*	*	*	*	0	*	*	0
07	*	*	0	*	*	*	*	*	*	*	*	0	0
08	*	0	*	*	*	*	*	*	*	*	*	*	0
09	0	*	0	*	*	*	*	*	*	*	0	*	0
10	0	0	*	*	*	*	*	*	*	*	*	0	0
11	0	0	*	*	*	*	*	*	*	*	*	*	0
12	*	0	0	0	*	*	0	*	*	*	*	*	0
13	0	0	0	0	*	*	0	*	*	*	*	*	0
14	0	0	0	0	0	*	*	*	*	*	0	0	0
15	14	0	*	0	*	*	0	*	*	*	0	*	9
16	*	0	0	0	0	*	0	*	*	*	*	*	0
17	50	*	0	*	*	*	*	*	*	*	0	0	20
18	0	0	*	0	0	0	*	0	*	*	0	*	0
19	33	0	*	*	*	*	*	*	*	*	0	0	14
20	0	0	0	*	*	*	*	*	*	0	*	*	0
21	*	0	*	0	*	*	*	*	*	*	0	*	0
22	0	*	*	*	*	*	*	*	*	*	0	*	0
23	50	*	*	*	*	*	*	*	*	*	*	*	50
ALL	15	0	0	0	0	0	0	0	0	0	0	0	5

STATION: BITBURG AB, FRG WMO #: 106100 RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 8-14 THRU 8-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	0	0	0	0	0	0	0	0	1	1	4
01	1	0	0	0	0	0	0	0	0	0	0	1	2
02	2	1	1	1	0	0	0	0	0	0	0	0	5
03	1	0	0	1	0	0	0	0	1	1	0	1	5
04	1	0	1	0	0	0	0	0	0	0	1	0	3
05	1	0	1	0	0	0	0	0	0	0	0	0	2
06	1	2	1	0	0	0	0	0	0	1	0	0	5
07	0	0	1	0	0	0	0	0	0	0	0	1	2
08	0	1	0	0	0	0	0	0	0	0	0	0	1
09	2	0	1	0	0	0	0	0	0	0	1	0	4
10	2	1	0	0	0	0	0	0	0	0	0	2	5
11	2	1	0	0	0	0	0	0	0	0	0	0	3
12	0	1	2	2	0	0	1	0	0	0	0	0	6
13	2	1	1	2	0	0	1	0	0	0	0	0	7
14	2	1	1	1	1	0	0	0	0	0	1	1	8
15	7	1	0	1	0	0	1	0	0	0	1	0	11
16	0	1	1	1	1	0	1	0	0	0	0	0	5
17	2	0	1	0	0	0	0	0	0	0	1	1	5
18	3	1	0	2	1	1	0	1	0	0	2	0	11
19	3	2	0	0	0	0	0	0	0	0	1	1	7
20	2	1	1	0	0	0	0	0	0	1	0	0	5
21	0	1	0	1	0	0	0	0	0	0	1	0	3
22	2	0	0	0	0	0	0	0	0	0	2	0	4
23	2	0	0	0	0	0	0	0	0	0	0	0	2
ALL	40	16	13	12	3	1	4	1	1	3	12	9	115

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

TABLE 9-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	0	0	*	*	*	0	0	0	0
01	*	*	*	*	*	*	*	0	*	*	*	*	0
02	*	*	*	*	0	*	*	*	0	*	*	*	0
03	*	*	0	*	0	0	*	*	0	*	*	*	0
04	*	0	0	1	0	0	0	3	0	0	*	0	1
05	2	1	3	2	0	0	0	0	1	1	1	5	1
06	3	3	2	1	1	1	0	1	1	1	2	6	2
07	4	2	2	2	2	1	1	1	1	2	3	4	2
08	3	2	4	3	1	1	1	1	2	1	2	4	2
09	3	3	4	4	1	1	2	2	2	2	2	3	2
10	3	4	5	4	3	2	1	2	2	1	2	3	3
11	6	3	6	5	2	4	3	3	2	2	2	5	3
12	5	3	5	5	3	4	1	3	2	3	1	3	3
13	5	3	5	7	2	3	2	3	2	3	2	4	3
14	4	4	5	6	2	3	4	3	3	3	3	3	3
15	4	3	6	8	3	2	3	2	1	2	3	3	3
16	4	2	3	7	3	4	3	4	1	1	3	4	3
17	3	2	3	6	3	2	2	3	1	1	3	1	3
18	3	1	2	4	1	2	2	1	1	1	1	5	2
19	3	1	1	3	0	0	1	1	0	1	0	4	1
20	4	1	2	3	0	0	0	1	0	1	2	2	1
21	3	1	1	3	0	0	1	0	0	2	1	2	1
22	33	*	0	0	0	0	0	*	0	0	0	0	3
23	0	0	*	*	*	*	*	*	0	0	*	0	0
ALL	4	2	3	4	2	2	2	2	1	2	2	4	2

TABLE 9-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	0	0	*	*	*	0	0	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	0	*	*	*	0	*	*	*	0
03	*	*	0	*	0	0	*	*	0	*	*	*	0
04	*	0	0	0	0	0	0	0	0	0	*	0	0
05	0	0	0	0	0	0	0	0	0	0	0	3	0
06	1	1	1	0	0	0	0	0	0	0	0	2	0
07	1	1	1	1	0	0	0	0	0	1	0	1	0
08	1	0	1	1	0	0	0	0	1	0	0	0	0
09	1	1	1	1	0	0	1	1	1	0	0	1	0
10	1	1	1	2	1	0	0	0	0	1	0	1	1
11	3	1	2	1	1	1	1	1	1	0	1	2	1
12	1	1	2	2	0	1	1	1	0	1	0	1	1
13	2	0	2	2	0	0	1	1	1	1	0	1	1
14	1	1	1	2	0	0	1	1	0	1	1	1	1
15	1	1	1	1	0	0	0	1	0	1	0	1	1
16	1	0	1	1	0	1	1	1	0	0	0	1	1
17	1	0	1	1	0	1	0	1	0	0	1	0	1
18	1	0	0	0	0	0	1	0	0	1	0	1	0
19	1	0	0	1	0	0	0	0	0	1	0	1	0
20	1	1	0	0	0	0	0	0	0	0	0	1	0
21	1	0	0	1	0	0	0	0	0	1	0	1	0
22	33	*	0	0	0	0	0	*	0	0	0	0	3
23	0	0	*	*	*	*	*	*	0	0	*	0	0
ALL	1	1	1	1	0	0	0	0	0	0	0	1	1

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

TABLE 9-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	0	0	*	*	*	0	0	0	0
01	*	*	*	*	*	*	*	0	*	*	*	*	0
02	*	*	*	*	0	*	*	*	0	*	*	*	0
03	*	*	0	*	0	0	*	*	0	*	*	*	0
04	*	0	0	0	0	0	0	0	0	0	*	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	1	0	0	0	0	0	0	0	0	0	0
07	1	0	0	0	0	0	0	0	0	0	0	0	0
08	1	0	0	0	0	0	0	0	0	0	0	0	0
09	0	1	0	0	0	0	0	0	0	0	0	0	0
10	1	1	0	0	0	0	0	0	0	0	0	0	0
11	1	0	0	0	0	0	0	0	0	0	0	0	0
12	1	0	1	1	0	0	0	0	0	0	0	0	0
13	0	0	1	0	0	0	1	0	0	0	0	0	0
14	0	0	0	1	0	0	0	0	0	1	0	0	0
15	0	0	0	1	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	1	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	1	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	*	0	0	0	0	0	*	0	0	0	0	0
23	0	0	*	*	*	*	*	*	0	0	*	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 9-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	0	0	*	*	*	0	0	0	0
01	*	*	*	*	*	*	*	0	*	*	*	*	0
02	*	*	*	*	0	*	*	*	0	*	*	*	0
03	*	*	0	*	0	0	*	*	0	*	*	*	0
04	*	0	0	0	0	0	0	0	0	0	*	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	1	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	*	0	0	0	0	0	*	0	0	0	0	0
23	0	0	*	*	*	*	*	*	0	0	*	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 9-1 THRU 9-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	1	1	0	0	0	2	2	1	8
01	0	0	0	0	0	0	0	2	0	0	0	0	2
02	0	0	0	0	3	0	0	0	1	0	0	0	4
03	0	0	1	0	7	2	0	0	13	0	0	0	23
04	0	1	15	142	149	145	147	151	129	2	0	3	884
05	275	267	299	288	295	286	280	303	302	279	262	191	3327
06	292	276	315	324	337	331	318	338	334	286	267	241	3659
07	374	343	376	372	389	370	358	372	393	393	369	342	4451
08	372	353	396	375	389	365	361	382	392	394	364	344	4487
09	376	355	388	367	372	363	361	379	390	392	366	348	4457
10	374	346	381	369	378	365	369	375	395	392	362	344	4450
11	376	350	381	371	376	361	372	387	393	386	370	348	4471
12	372	345	381	374	379	364	363	388	390	395	370	341	4462
13	364	337	378	368	376	373	351	377	379	393	359	339	4394
14	363	341	375	362	376	368	359	379	386	384	364	338	4395
15	376	338	377	329	337	329	329	346	359	389	359	333	4201
16	298	273	316	297	309	307	293	328	298	300	279	249	3547
17	282	261	315	296	304	295	283	313	295	287	270	240	3446
18	258	253	295	278	284	278	272	293	277	281	260	186	3215
19	251	254	300	280	287	284	283	297	258	277	253	188	3212
20	210	208	241	240	246	245	239	261	224	237	217	162	2730
21	211	204	220	97	105	100	94	112	121	236	220	163	1383
22	3	0	4	1	1	3	2	0	19	1	3	2	39
23	1	1	0	0	0	0	0	0	15	1	0	2	20
		5106		5530		5535		5788		5707		4705	
ALL	5429		5754		5700		5434		5763		5316		65767

TABLE 9-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	*	*	25	*	*	*	*	20
05	20	50	38	17	*	*	*	0	50	50	0	40	33
06	25	38	50	100	33	33	0	0	33	25	20	27	31
07	27	14	0	56	33	0	67	0	0	33	27	31	27
08	40	33	41	10	33	20	0	0	11	50	25	38	28
09	15	11	20	20	20	0	0	0	33	33	13	25	17
10	8	8	6	7	0	0	0	0	11	20	25	25	9
11	13	0	17	0	0	14	10	0	0	29	11	13	10
12	10	27	16	18	8	23	0	0	14	36	20	10	15
13	21	20	17	12	43	9	0	18	17	17	29	23	18
14	0	14	17	19	17	0	6	0	0	20	30	11	11
15	14	27	19	23	18	17	10	0	0	33	36	33	20
16	17	60	13	10	20	25	13	8	33	67	0	22	18
17	22	50	33	5	22	17	0	22	0	0	11	0	16
18	25	33	20	17	25	20	40	0	50	0	33	10	22
19	25	0	50	13	*	0	0	0	*	0	0	63	23
20	33	0	25	33	100	0	0	0	100	50	25	50	32
21	43	100	100	0	*	*	0	*	*	40	33	33	44
22	0	*	*	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	19	23	22	16	19	14	9	5	15	29	21	26	19

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

TABLE 9-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	*	*	0	*	*	*	*	0
05	0	0	0	0	*	*	*	0	0	0	0	0	0
06	25	0	0	0	0	0	0	0	0	0	0	0	3
07	13	0	0	0	0	0	0	0	0	0	0	0	2
08	10	0	0	0	0	0	0	0	0	0	0	0	1
09	8	11	0	0	0	0	0	0	0	0	0	0	2
10	15	8	0	0	0	0	0	0	0	0	0	0	2
11	8	0	0	0	0	0	0	0	0	0	0	0	1
12	5	0	0	0	0	0	0	0	0	0	0	10	1
13	0	10	0	0	0	0	0	0	0	0	14	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	10	0	0	0	0	0	0	0	0	11	2
16	17	0	0	0	0	0	0	0	0	0	0	0	2
17	11	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	30	5
19	13	0	0	0	*	0	0	0	*	0	0	0	3
20	22	0	0	0	0	0	0	0	0	0	0	0	5
21	14	0	0	0	*	*	0	*	*	0	0	0	4
22	100	*	*	*	*	*	*	*	*	*	*	*	100
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	9	2	1	0	0	0	0	0	0	0	1	3	2

TABLE 9-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	*	*	0	*	*	*	*	0
05	0	0	0	0	*	*	*	0	0	0	0	0	0
06	25	0	0	0	0	0	0	0	0	0	0	0	3
07	13	0	0	0	0	0	0	0	0	0	0	0	2
08	10	0	0	0	0	0	0	0	0	0	0	8	2
09	23	0	0	0	0	0	0	0	0	0	0	0	3
10	15	8	0	0	0	0	0	0	0	0	0	0	2
11	13	0	0	0	0	0	0	0	0	0	0	0	2
12	10	0	0	0	0	0	0	0	0	0	0	0	1
13	11	0	0	0	0	0	0	0	0	0	0	0	1
14	7	0	0	0	0	0	0	0	0	0	0	11	1
15	14	0	0	0	0	0	0	0	0	0	0	11	2
16	17	0	0	0	0	0	0	0	0	0	0	11	3
17	11	0	0	0	0	0	0	0	0	0	11	0	2
18	13	0	0	0	0	0	0	0	0	0	0	0	2
19	13	0	0	0	*	0	0	0	*	0	0	0	3
20	0	0	0	0	0	0	0	0	0	0	25	0	3
21	0	0	0	0	*	*	0	*	*	0	33	0	4
22	0	*	*	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	12	1	0	0	0	0	0	0	0	0	3	2	2

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 9-5 THRU 9-7

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	1	0	0	0	4	0	0	0	0	5
05	5	4	8	6	0	0	0	1	2	4	2	10	42
06	8	8	6	2	3	3	1	3	3	4	5	15	61
07	15	7	6	9	5	2	3	4	4	9	11	13	88
08	10	6	17	10	3	5	3	4	9	4	8	13	92
09	13	9	15	14	5	3	6	7	6	6	8	12	104
10	13	13	18	14	11	8	4	9	9	5	8	12	124
11	24	11	23	17	6	14	10	10	9	7	9	16	156
12	20	11	19	17	11	13	5	13	7	11	5	10	142
13	19	10	17	26	7	11	7	11	6	12	7	13	146
14	14	14	18	21	6	10	16	12	12	10	10	9	152
15	14	11	21	25	11	6	10	8	4	6	11	9	136
16	12	5	8	20	10	12	8	12	3	3	8	9	110
17	9	4	9	19	9	6	6	9	2	4	9	3	89
18	8	3	5	12	4	5	5	3	4	3	3	10	65
19	8	2	2	8	0	1	4	4	0	2	1	8	40
20	9	3	3	6	1	1	1	2	1	2	4	4	37
21	6	2	3	3	0	0	1	0	0	5	3	3	26
22	1	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	208	123	198	230	92	100	90	116	81	97	112	169	1616

TABLE 9-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	100	100	0	0	*	*	*	*	*	100	*	40	50
06	0	50	100	*	*	100	*	*	*	100	*	33	50
07	25	0	0	50	*	*	100	0	0	100	100	0	32
08	0	0	25	0	100	100	*	0	50	100	*	0	31
09	0	0	25	50	*	*	0	0	0	100	*	50	18
10	0	0	25	0	0	0	0	0	*	50	100	20	13
11	20	0	17	0	0	20	33	0	0	100	0	17	15
12	0	0	0	13	0	0	0	0	0	50	0	25	7
13	50	100	14	0	0	*	0	33	50	50	0	0	23
14	0	33	40	29	100	0	25	0	0	33	50	0	25
15	0	50	40	33	0	100	100	0	0	50	0	25	31
16	25	0	0	25	0	100	50	33	*	*	0	0	27
17	0	0	25	33	100	50	0	0	*	0	0	0	18
18	0	0	0	0	100	0	100	0	*	0	*	0	21
19	50	0	100	0	*	*	0	0	*	0	0	50	23
20	0	0	0	0	*	*	*	0	100	*	0	0	9
21	50	*	*	0	*	*	*	*	*	33	*	0	29
22	0	*	*	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	18	17	22	15	33	39	29	7	23	50	19	20	22

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

TABLE 9-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	0	0	0	0	*	*	*	*	*	0	*	0	0
06	0	0	0	*	*	0	*	*	*	0	*	0	0
07	0	0	0	0	*	*	0	0	0	0	0	0	0
08	0	0	0	0	0	0	*	0	0	0	*	0	0
09	25	0	0	0	*	*	0	0	0	0	*	0	5
10	25	0	0	0	0	0	0	0	*	0	0	0	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	*	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	20	0	0	0	0	0	0	0	0	25	8
16	25	0	0	0	0	0	0	0	*	*	0	0	5
17	50	0	0	0	0	0	0	0	*	0	0	0	5
18	0	0	0	0	0	0	0	0	*	0	*	100	7
19	50	0	0	0	*	*	0	0	*	0	0	0	8
20	50	0	0	0	*	*	*	0	0	*	0	0	9
21	50	*	*	0	*	*	*	*	*	0	*	0	14
22	100	*	*	*	*	*	*	*	*	*	*	*	100
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	13	0	2	0	0	0	0	0	0	0	0	4	3

TABLE 9-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	0	0	0	0	*	*	*	*	*	0	*	0	0
06	0	0	0	*	*	0	*	*	*	0	*	0	0
07	0	0	0	0	*	*	0	0	0	0	0	0	0
08	0	0	0	0	0	0	*	0	0	0	*	0	0
09	25	0	0	0	*	*	0	0	0	0	*	0	5
10	0	0	0	0	0	0	0	0	*	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	*	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	25	4
16	50	0	0	0	0	0	0	0	*	*	0	50	14
17	0	0	0	0	0	0	0	0	*	0	0	0	0
18	0	0	0	0	0	0	0	0	*	0	*	0	0
19	0	0	0	0	*	*	0	0	*	0	0	0	0
20	0	0	0	0	*	*	*	0	*	0	*	0	0
21	0	*	*	0	*	*	*	*	*	0	*	0	0
22	0	*	*	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	5	0	0	0	0	0	0	0	0	0	0	4	1

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 9-8 THRU 9-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	1	1	1	1	0	0	0	0	0	1	0	5	10
06	2	2	2	0	0	1	0	0	0	1	0	6	14
07	4	2	2	2	0	0	1	1	1	2	1	3	19
08	2	1	4	2	1	1	0	1	2	1	0	1	16
09	4	2	4	1	0	0	2	3	2	1	0	2	21
10	4	4	4	6	2	1	1	1	0	2	1	5	31
11	10	3	6	4	2	5	3	2	2	1	3	6	47
12	5	3	9	8	1	3	2	2	1	2	1	4	41
13	8	1	6	8	1	0	4	3	2	2	1	3	39
14	3	3	5	7	1	1	4	4	1	3	2	2	36
15	3	2	5	3	1	1	1	2	1	2	1	4	26
16	4	1	2	4	1	2	2	3	0	0	1	2	22
17	2	1	4	3	1	2	1	3	0	1	3	1	22
18	3	1	1	1	1	1	2	1	0	2	0	1	14
19	2	1	1	2	0	0	1	1	0	2	1	2	13
20	2	2	1	1	0	0	0	1	1	0	1	2	11
21	1	0	0	1	0	0	0	0	0	3	0	1	6
22	1	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	61	30	57	54	12	18	24	28	13	26	16	50	389

TABLE 9-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	*	*	*	*	*	*	*	*	0
06	*	*	100	*	*	*	*	*	*	*	*	0	67
07	50	*	*	*	*	*	100	*	*	*	100	*	75
08	0	*	100	0	*	100	*	*	*	*	*	*	40
09	0	0	100	*	*	*	0	0	*	*	*	*	17
10	0	0	0	*	*	*	*	0	*	*	100	*	13
11	0	*	0	*	*	0	*	*	*	*	*	0	0
12	0	0	0	25	0	0	*	0	*	100	*	0	13
13	*	*	50	0	*	*	0	100	100	*	*	*	43
14	0	*	100	100	*	*	*	*	*	50	*	*	67
15	*	*	100	50	0	*	*	*	*	*	*	*	50
16	*	0	*	0	*	100	0	*	*	*	*	*	25
17	0	0	*	*	*	100	0	*	*	*	*	*	25
18	*	0	*	*	*	0	*	*	*	0	*	0	0
19	*	0	100	*	*	*	*	*	*	*	*	*	50
20	0	0	*	*	*	*	*	0	*	*	*	0	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	7	0	53	36	0	50	17	20	100	50	100	0	28

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

TABLE 9-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	*	*	*	*	*	*	*	*	0
06	*	*	0	*	*	*	*	*	*	*	*	0	0
07	0	*	*	*	*	*	0	*	*	*	0	*	0
08	0	*	0	0	*	0	*	*	*	*	*	*	0
09	0	0	0	*	*	*	0	0	*	*	*	*	0
10	0	0	0	*	*	*	*	0	*	*	0	*	0
11	0	*	0	*	*	0	*	*	*	*	*	0	0
12	0	0	0	0	0	0	*	0	*	0	*	0	0
13	*	*	0	0	*	*	0	0	0	*	*	*	0
14	0	*	0	0	*	*	*	*	*	0	*	*	0
15	*	*	0	0	0	*	*	*	*	*	*	*	0
16	*	0	*	0	*	0	0	*	*	*	*	*	0
17	0	0	*	*	*	0	0	*	*	*	*	*	0
18	*	0	*	*	*	0	*	*	*	0	*	100	25
19	*	0	0	*	*	*	*	*	*	*	*	*	0
20	100	0	*	*	*	*	*	0	*	*	*	0	25
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	7	0	0	0	0	0	0	0	0	0	0	20	2

TABLE 9-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	*	*	*	*	*	*	*	*	0
06	*	*	0	*	*	*	*	*	*	*	*	0	0
07	0	*	*	*	*	*	0	*	*	*	0	*	0
08	0	*	0	0	*	0	*	*	*	*	*	*	0
09	0	0	0	*	*	*	0	0	*	*	*	*	0
10	0	0	0	*	*	*	*	0	*	*	0	*	0
11	0	*	0	*	*	0	*	*	*	*	*	0	0
12	0	0	0	0	0	0	*	0	*	0	*	0	0
13	*	*	0	0	*	*	0	0	0	*	*	*	0
14	0	*	0	0	*	*	*	*	*	0	*	*	0
15	*	*	0	0	0	*	*	*	*	*	*	*	0
16	*	0	*	0	*	0	0	*	*	*	*	*	0
17	0	0	*	*	*	0	0	*	*	*	*	*	0
18	*	0	*	*	*	0	*	*	*	0	*	0	0
19	*	0	0	*	*	*	*	*	*	*	*	*	0
20	0	0	*	*	*	*	*	0	*	*	*	0	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 9-11 THRU 9-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	1	0	0	0	0	0	0	0	0	0	1
06	0	0	2	0	0	0	0	0	0	0	0	1	3
07	2	0	0	0	0	0	1	0	0	0	1	0	4
08	2	0	1	1	0	1	0	0	0	0	0	0	5
09	1	2	1	0	0	0	1	1	0	0	0	0	6
10	3	2	1	0	0	0	0	1	0	0	1	0	8
11	2	0	1	0	0	1	0	0	0	0	0	1	5
12	2	1	3	4	1	1	0	1	0	1	0	1	15
13	0	0	2	1	0	0	2	1	1	0	0	0	7
14	1	0	1	2	0	0	0	0	0	2	0	0	6
15	0	0	1	2	1	0	0	0	0	0	0	0	4
16	0	1	0	1	0	1	1	0	0	0	0	0	4
17	1	1	0	0	0	1	1	0	0	0	0	0	4
18	0	1	0	0	0	1	0	0	0	1	0	1	4
19	0	1	1	0	0	0	0	0	0	0	0	0	2
20	1	1	0	0	0	0	0	1	0	0	0	1	4
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	15	10	15	11	2	6	6	5	1	4	2	5	82

TABLE 9-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	*	*	*	*	*	*	*	*	0
06	*	*	100	*	*	*	*	*	*	*	*	*	100
07	100	*	*	*	*	*	*	*	*	*	*	*	100
08	0	*	*	*	*	100	*	*	*	*	*	*	50
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	0	*	*	*	*	*	*	*	*	*	0
11	0	*	0	*	*	0	*	*	*	*	*	*	0
12	*	*	0	*	*	*	*	*	*	100	*	*	33
13	*	*	*	*	*	*	0	*	*	*	*	*	0
14	*	*	100	*	*	*	*	*	*	*	*	*	100
15	*	*	100	100	*	*	*	*	*	*	*	*	100
16	*	0	*	*	*	100	*	*	*	*	*	*	50
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	0	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	0	*	*	*	*	*	0	*	*	*	0	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	33	0	38	100	*	50	0	0	*	100	*	0	36

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

TABLE 9-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	*	*	*	*	*	*	*	*	0
06	*	*	0	*	*	*	*	*	*	*	*	*	0
07	0	*	*	*	*	*	*	*	*	*	*	*	0
08	0	*	*	*	*	0	*	*	*	*	*	*	0
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	0	*	*	*	*	*	*	*	*	*	0
11	0	*	0	*	*	0	*	*	*	*	*	*	0
12	*	*	0	*	*	*	*	*	*	0	*	*	0
13	*	*	*	*	*	*	0	*	*	*	*	*	0
14	*	*	0	*	*	*	*	*	*	*	*	*	0
15	*	*	0	0	*	*	*	*	*	*	*	*	0
16	*	0	*	*	*	0	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	0	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	0	*	*	*	*	*	0	*	*	*	0	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	*	0	0	0	*	0	*	0	0

TABLE 9-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	*	*	*	*	*	*	*	*	0
06	*	*	0	*	*	*	*	*	*	*	*	*	0
07	0	*	*	*	*	*	*	*	*	*	*	*	0
08	0	*	*	*	*	0	*	*	*	*	*	*	0
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	0	*	*	*	*	*	*	*	*	*	0
11	0	*	0	*	*	0	*	*	*	*	*	*	0
12	*	*	0	*	*	*	*	*	*	0	*	*	0
13	*	*	*	*	*	*	0	*	*	*	*	*	0
14	*	*	0	*	*	*	*	*	*	*	*	*	0
15	*	*	0	0	*	*	*	*	*	*	*	*	0
16	*	0	*	*	*	0	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	0	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	0	*	*	*	*	*	0	*	*	*	0	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	*	0	0	0	*	0	*	0	0

STATION: COLEMAN AAF, FRG

WMO #: 107295

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 9-14 THRU 9-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	1	0	0	0	0	0	0	0	0	0	1
06	0	0	1	0	0	0	0	0	0	0	0	0	1
07	1	0	0	0	0	0	0	0	0	0	0	0	1
08	1	0	0	0	0	1	0	0	0	0	0	0	2
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	1	0	0	0	0	0	0	0	0	0	1
11	1	0	1	0	0	1	0	0	0	0	0	0	3
12	0	0	2	0	0	0	0	0	0	1	0	0	3
13	0	0	0	0	0	0	1	0	0	0	0	0	1
14	0	0	1	0	0	0	0	0	0	0	0	0	1
15	0	0	1	1	0	0	0	0	0	0	0	0	2
16	0	1	0	0	0	1	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	1	0	0	0	0	0	1	0	0	0	1	3
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	3	2	8	1	0	4	1	1	0	1	0	1	22

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

TABLE 10-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	23	17	14	10	9	3	3	4	8	13	16	17	11
01	18	14	16	10	12	3	2	4	8	13	18	18	11
02	20	15	14	11	9	4	3	3	9	12	17	16	11
03	19	14	14	11	9	3	4	4	9	13	16	19	11
04	20	13	13	10	7	4	4	4	9	14	16	16	11
05	17	13	10	10	8	2	4	4	7	13	16	17	10
06	18	16	16	11	13	5	3	4	7	15	18	21	12
07	18	14	15	14	18	6	9	6	9	16	17	21	14
08	19	14	20	17	23	7	10	9	14	17	18	21	16
09	19	18	22	22	24	9	12	14	14	17	20	22	18
10	21	17	28	27	24	13	13	14	20	22	22	24	20
11	21	21	28	27	24	14	16	14	23	24	25	25	22
12	25	24	31	29	26	14	15	17	25	26	26	24	23
13	27	24	30	29	26	13	16	15	26	24	27	27	24
14	24	23	32	31	29	14	16	15	25	25	23	23	23
15	24	24	30	28	27	13	15	16	22	23	22	20	22
16	19	20	31	26	27	16	15	17	23	18	17	20	21
17	20	21	25	23	25	14	16	13	18	15	15	19	19
18	17	16	21	20	18	12	10	10	13	12	14	21	15
19	21	19	19	13	12	8	7	7	11	15	18	23	14
20	23	19	18	14	10	7	3	7	9	16	17	20	13
21	22	18	15	13	10	6	2	5	7	15	20	21	13
22	23	21	16	13	10	5	2	5	7	10	17	19	12
23	22	20	17	10	7	3	2	5	8	12	14	21	11
ALL	21	18	21	19	18	8	9	9	14	17	19	21	16

TABLE 10-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	13	7	5	5	2	1	1	2	3	4	8	8	5
01	10	6	6	5	2	1	0	3	3	6	9	10	5
02	12	8	7	4	1	2	1	2	4	4	8	9	5
03	10	5	7	5	2	1	0	2	3	7	8	9	5
04	10	5	6	4	2	1	0	2	5	5	8	10	5
05	9	5	5	4	2	0	0	2	3	8	7	9	5
06	9	7	8	5	3	1	0	1	3	7	9	9	5
07	9	7	8	6	5	1	1	3	5	8	8	8	6
08	8	7	9	8	8	2	2	4	6	9	9	11	7
09	8	7	11	9	7	3	3	4	6	9	9	11	7
10	11	8	14	12	10	3	3	6	8	9	11	13	9
11	11	11	14	10	9	3	5	7	9	12	12	13	10
12	11	11	17	10	12	3	4	6	9	13	12	13	10
13	11	9	14	11	11	4	5	6	11	12	13	14	10
14	13	11	15	12	14	4	6	6	9	12	11	13	11
15	9	11	14	11	13	4	4	5	10	11	10	12	10
16	10	10	13	11	9	3	4	4	9	10	8	10	9
17	8	9	9	8	10	4	5	5	7	8	8	11	8
18	8	9	9	8	6	3	3	4	7	7	7	11	7
19	10	11	10	8	3	2	1	2	4	6	9	15	7
20	9	12	12	7	3	1	2	3	4	7	8	14	6
21	11	11	8	9	2	1	0	2	4	5	9	12	6
22	14	9	9	7	1	4	0	2	5	3	9	13	6
23	13	11	7	6	2	1	0	2	4	4	8	13	5
ALL	10	9	10	8	6	2	2	4	6	8	9	11	7

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

TABLE 10-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	4	3	2	1	0	0	1	1	2	5	3	2
01	6	3	3	2	0	1	0	1	1	1	4	4	2
02	6	3	3	1	0	0	0	0	2	1	4	4	2
03	4	3	4	1	0	0	0	1	2	3	3	4	2
04	4	3	3	2	0	0	0	0	1	3	4	5	2
05	3	3	3	2	0	0	0	0	1	2	4	4	2
06	4	3	4	1	2	0	0	0	1	2	3	4	2
07	2	3	3	3	1	0	0	0	1	3	3	5	2
08	4	3	4	3	3	1	0	1	1	3	4	4	3
09	4	3	5	4	2	1	1	1	2	4	5	5	3
10	4	4	6	4	3	2	1	1	3	4	4	6	3
11	4	5	6	5	4	1	1	1	3	4	5	6	4
12	4	4	7	4	4	1	1	3	4	6	5	6	4
13	5	4	7	5	3	1	1	2	3	5	6	6	4
14	5	4	7	4	6	2	2	2	3	3	6	6	4
15	3	4	5	7	4	2	1	1	4	5	5	4	4
16	4	3	4	6	3	1	1	2	5	5	4	5	3
17	3	4	4	4	3	1	2	1	2	4	3	4	3
18	4	3	4	3	1	1	2	1	2	2	3	5	3
19	4	3	5	3	0	1	0	1	1	3	3	8	3
20	5	6	5	2	0	0	0	0	2	3	5	7	3
21	5	5	5	3	1	0	0	0	1	1	3	6	2
22	9	7	3	2	1	0	0	1	2	1	4	5	3
23	7	5	3	1	1	0	0	1	2	1	4	6	2
ALL	4	4	5	3	2	1	1	1	2	3	4	5	3

TABLE 10-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	1	2	0	0	0	0	0	1	0	3	1	1
01	3	1	1	0	0	0	0	0	1	0	1	2	1
02	3	2	1	0	0	0	0	0	0	1	2	2	1
03	2	1	1	0	0	0	0	0	1	1	1	2	1
04	3	1	2	0	0	0	0	0	0	1	1	0	1
05	1	1	1	0	0	0	0	0	0	1	1	0	0
06	2	1	1	1	0	0	0	0	0	1	1	0	1
07	2	1	1	1	1	0	0	0	0	1	1	1	1
08	2	1	1	1	1	0	0	0	0	2	0	2	1
09	2	1	2	1	0	0	0	0	1	2	3	2	1
10	2	1	3	2	0	0	0	0	2	2	1	3	1
11	2	3	2	2	1	0	0	0	1	2	2	3	1
12	1	1	2	2	1	1	0	0	2	2	1	3	2
13	2	1	3	2	1	1	0	0	2	2	2	2	2
14	1	2	3	2	2	1	0	0	1	2	1	1	1
15	2	2	1	2	1	1	0	0	1	2	1	2	1
16	0	1	2	3	0	0	0	0	3	2	1	2	1
17	1	1	0	2	1	0	1	1	0	1	0	2	1
18	1	1	1	2	0	0	0	0	0	2	1	2	1
19	1	1	1	1	0	0	0	0	1	0	0	3	1
20	2	1	1	1	0	0	0	0	1	1	2	3	1
21	1	2	3	1	0	0	0	0	1	0	2	2	1
22	3	2	2	0	0	0	0	0	1	0	1	2	1
23	3	3	2	0	0	0	0	0	1	0	2	3	1
ALL	2	1	2	1	1	0	0	0	1	1	1	2	1

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 10-1 THRU 10-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	249	237	256	242	260	274	267	274	264	290	297	281	3191
01	277	263	270	246	263	277	267	278	273	296	314	280	3304
02	279	266	273	246	262	276	267	274	276	299	312	280	3310
03	278	263	274	244	263	272	268	275	279	299	311	281	3307
04	275	262	271	246	265	278	274	280	279	299	314	283	3326
05	281	264	275	248	265	283	291	285	283	297	311	284	3367
06	280	270	289	289	294	301	300	295	297	321	312	287	3535
07	307	278	307	290	297	298	304	295	306	322	333	301	3638
08	310	276	303	293	300	299	309	297	311	322	334	302	3656
09	313	276	303	293	298	296	304	298	311	319	338	304	3653
10	313	275	305	294	300	301	307	300	310	323	341	301	3670
11	315	278	303	289	301	298	310	299	311	324	337	299	3664
12	314	279	302	289	297	299	305	298	306	323	339	298	3649
13	312	278	301	287	296	296	299	298	306	316	337	294	3620
14	309	274	302	286	296	300	304	295	307	319	338	294	3624
15	306	275	293	284	297	301	301	293	301	317	339	297	3604
16	313	279	302	286	297	302	302	292	300	321	335	297	3626
17	307	277	300	285	295	298	302	288	295	320	332	295	3594
18	299	268	282	252	268	267	259	255	248	282	323	289	3292
19	223	205	209	195	218	218	216	231	223	238	244	223	2643
20	172	169	188	196	220	224	226	229	223	238	216	197	2498
21	169	169	186	195	219	221	228	232	222	239	214	196	2490
22	169	169	186	192	220	221	220	232	214	233	214	193	2466
23	169	169	214	237	236	255	248	264	253	270	211	193	2719
	6019		6204		6658		6657		7127		6549		
ALL	6539		6494		6527		6678		6698		7296		79446

TABLE 10-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	21	21	24	22	11	43	0	22	17	9	22	10	18
01	27	19	26	9	21	43	0	20	31	19	28	7	21
02	29	22	24	17	22	56	0	43	44	19	30	17	25
03	25	11	17	23	21	22	33	13	41	27	20	22	22
04	21	19	38	14	38	11	25	33	40	22	31	30	27
05	17	11	46	24	17	0	50	13	21	22	24	18	22
06	28	11	31	28	11	8	25	33	18	24	23	14	21
07	26	13	37	17	17	0	6	7	16	25	17	25	20
08	22	18	33	17	21	11	5	4	28	26	13	25	20
09	29	10	24	7	18	8	8	13	7	16	17	33	17
10	31	8	33	14	14	6	7	11	10	19	10	21	17
11	27	4	17	13	7	0	7	19	9	15	17	21	14
12	24	10	20	11	14	15	5	21	11	10	21	15	15
13	22	6	20	6	10	3	7	8	11	13	19	17	13
14	23	13	21	11	11	15	7	10	11	20	16	20	15
15	27	7	24	12	9	13	8	10	12	24	16	36	17
16	21	9	24	11	11	16	8	7	14	20	18	26	16
17	28	14	25	16	9	3	8	10	8	28	25	33	18
18	22	16	28	11	10	14	8	4	14	36	31	23	19
19	16	17	27	19	8	0	0	0	40	15	25	25	19
20	18	19	33	15	10	13	33	21	31	19	25	23	21
21	21	13	36	19	5	31	50	11	25	14	24	24	21
22	28	23	27	17	11	20	25	38	31	18	36	17	24
23	21	21	35	24	38	25	0	9	27	7	28	23	23
ALL	24	13	26	14	13	12	9	13	17	19	21	22	18

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

TABLE 10-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	9	0	4	0	0	0	0	0	0	3	0	3
01	6	1	0	4	0	0	0	0	0	0	0	0	3
02	5	16	0	4	0	0	0	0	0	0	0	0	3
03	6	7	0	5	0	0	0	0	0	0	0	0	2
04	3	15	3	5	0	0	0	0	0	0	0	0	3
05	7	15	4	5	0	0	0	0	0	0	0	0	3
06	3	11	3	4	0	0	0	0	0	0	0	0	2
07	3	9	3	3	0	0	0	0	0	0	0	2	2
08	3	15	2	2	0	0	0	0	0	0	0	2	2
09	5	15	2	2	0	0	0	0	0	0	0	2	2
10	7	3	1	2	0	0	0	0	0	0	0	2	1
11	5	6	3	2	0	0	0	0	0	0	0	0	1
12	4	4	3	0	0	0	0	0	0	0	0	0	1
13	5	8	1	2	0	0	0	0	0	0	0	0	1
14	5	5	1	0	0	0	0	0	0	0	0	2	1
15	8	2	0	2	0	0	0	0	0	0	0	2	1
16	5	9	0	4	0	0	0	0	0	0	0	4	2
17	6	8	0	0	0	0	0	0	0	0	0	2	2
18	5	5	0	6	0	0	0	0	0	0	0	2	2
19	4	8	0	0	0	0	0	0	0	0	0	2	2
20	8	13	0	0	0	0	0	0	0	0	0	0	2
21	3	13	0	0	0	0	0	0	0	0	0	0	2
22	3	6	3	4	0	0	0	0	0	0	0	0	2
23	8	3	0	5	0	0	0	0	0	0	0	0	2
ALL	5	9	1	2	0	0	0	0	0	0	0	1	2

TABLE 10-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	30	6	0	0	0	0	0	0	0	0	2	6
01	12	24	5	0	0	0	0	0	0	0	0	2	5
02	11	23	5	4	0	0	0	0	0	0	0	4	5
03	7	22	3	4	0	0	0	0	0	0	0	4	4
04	4	31	6	4	0	0	0	0	0	0	0	2	4
05	8	31	4	4	0	0	0	0	0	0	0	6	6
06	6	26	9	13	0	0	0	0	0	0	0	5	6
07	7	26	9	10	0	0	0	0	0	0	0	5	5
08	5	28	7	0	0	0	0	0	0	0	0	3	3
09	7	24	3	0	0	0	0	0	0	0	0	1	3
10	6	20	1	0	0	0	0	0	0	0	0	4	2
11	8	15	1	0	0	0	0	0	0	0	0	3	2
12	6	12	1	0	0	0	0	0	0	0	0	1	2
13	4	12	1	0	0	0	0	0	0	0	0	3	2
14	7	13	0	0	0	0	0	0	0	0	0	1	2
15	5	12	0	0	0	0	0	0	0	0	0	0	2
16	7	9	0	0	0	0	0	0	0	0	0	0	1
17	7	16	0	0	0	0	0	0	0	0	0	4	2
18	4	16	0	0	0	0	0	0	0	0	0	3	2
19	7	23	0	0	0	0	0	0	0	0	0	4	4
20	13	25	3	0	0	0	0	0	0	0	0	0	4
21	5	35	4	0	0	0	0	0	0	0	0	7	5
22	13	34	3	4	0	0	0	0	0	0	0	3	7
23	13	32	3	0	0	0	0	0	0	0	0	5	6
ALL	7	21	2	1	0	0	0	0	0	0	0	3	3

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 10-5 THRU 10-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	58	40	35	25	23	9	7	10	22	38	47	49	363
01	50	38	43	25	31	7	6	11	21	38	58	49	377
02	55	39	37	26	23	11	9	9	25	36	53	45	368
03	54	36	38	26	24	9	10	12	25	40	49	54	377
04	56	32	36	24	18	10	10	12	25	43	48	46	360
05	48	35	28	26	21	7	13	11	20	38	50	47	344
06	51	42	47	32	38	15	10	12	22	47	56	58	430
07	54	39	47	40	52	18	26	17	29	52	56	63	493
08	58	40	60	51	70	22	32	26	44	54	59	63	579
09	60	50	66	63	71	26	35	43	43	55	67	68	647
10	66	46	86	79	71	39	41	43	61	71	73	71	747
11	66	59	84	78	73	41	51	42	72	77	83	74	800
12	79	68	93	85	76	41	47	50	75	83	88	72	857
13	83	65	91	83	78	37	49	46	80	77	91	78	858
14	74	62	98	90	85	41	48	44	77	79	78	69	845
15	73	65	87	79	80	39	46	48	67	72	73	60	789
16	58	56	94	75	80	47	44	50	70	57	57	58	746
17	60	58	76	65	73	42	49	37	52	47	51	56	666
18	51	44	58	50	47	32	25	25	31	33	46	61	503
19	46	39	39	26	27	18	16	16	24	35	45	52	383
20	39	32	33	28	22	16	7	17	20	38	36	40	328
21	38	31	28	26	22	13	5	12	16	37	42	42	312
22	39	35	30	24	21	11	5	11	16	23	36	36	287
23	38	34	36	23	17	8	5	14	21	33	29	40	298
ALL	1354		1370		1143		596		958		1371		12757
		1085		1149		559		618		1203		1351	

TABLE 10-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	26	27	29	20	0	33	0	40	17	15	32	10	22
01	39	31	63	0	75	50	0	17	29	29	27	8	29
02	36	41	22	0	67	67	0	50	44	31	50	22	34
03	33	18	21	17	40	25	0	25	57	27	25	32	28
04	29	15	35	22	0	0	0	25	55	33	39	28	30
05	31	9	62	30	0	0	100	0	29	29	25	13	26
06	24	20	32	42	22	0	0	67	40	24	29	17	26
07	33	13	48	21	36	0	50	13	10	36	9	38	28
08	27	13	38	19	30	0	0	8	29	30	19	39	26
09	50	6	30	12	28	10	0	17	7	19	19	48	23
10	52	5	37	17	26	11	11	19	17	26	18	27	24
11	41	0	26	12	14	0	0	30	4	15	24	30	18
12	36	12	26	24	17	25	0	12	18	8	29	17	19
13	32	9	30	10	14	0	7	6	7	17	30	22	18
14	30	14	29	23	11	25	6	11	10	21	21	22	20
15	36	8	24	20	6	25	17	7	25	27	24	41	23
16	29	12	34	14	5	22	8	9	19	19	29	32	21
17	33	13	35	18	4	9	15	15	19	36	27	35	23
18	33	20	40	17	8	22	22	0	25	42	40	30	28
19	17	24	29	19	17	0	0	0	43	20	29	35	25
20	25	30	32	21	33	0	33	50	50	19	35	25	28
21	28	17	40	18	0	50	0	0	38	17	30	17	23
22	42	33	25	23	33	25	*	50	38	0	55	0	32
23	27	28	50	20	25	0	0	20	38	8	47	28	29
ALL	33	16	33	18	17	16	9	16	22	23	29	27	24

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

TABLE 10-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	0	0	10	0	0	0	0	0	0	0	0	2
01	6	23	0	8	0	0	0	0	0	0	0	0	3
02	8	12	0	11	0	0	0	0	0	0	0	0	3
03	0	0	0	8	0	0	0	0	0	0	0	0	1
04	6	8	6	11	0	0	0	0	0	0	0	0	3
05	15	9	8	10	0	0	0	0	0	0	0	0	4
06	6	7	5	8	0	0	0	0	0	0	0	0	3
07	6	13	4	7	0	0	0	0	0	0	0	4	3
08	7	0	4	5	0	0	0	0	0	0	0	3	2
09	6	6	3	4	0	0	0	0	0	0	0	0	2
10	9	5	3	3	0	0	0	0	0	0	0	0	2
11	5	4	0	4	0	0	0	0	0	0	0	0	1
12	5	8	2	0	0	0	0	0	0	0	0	0	1
13	8	9	3	0	0	0	0	0	0	0	0	0	2
14	7	0	2	0	0	0	0	0	0	0	0	3	1
15	9	0	0	3	0	0	0	0	0	0	0	3	1
16	0	4	0	7	0	0	0	0	0	0	0	3	1
17	10	9	0	0	0	0	0	0	0	0	0	3	2
18	6	10	0	6	0	0	0	0	0	0	0	3	2
19	4	10	0	0	0	0	0	0	0	0	0	3	2
20	6	15	0	0	0	0	0	0	0	0	0	0	3
21	6	11	0	0	0	0	0	0	0	0	0	0	2
22	4	0	0	8	0	0	*	0	0	0	0	0	1
23	14	0	0	7	0	0	0	0	0	0	0	0	3
ALL	7	6	2	4	0	0	0	0	0	0	0	1	2

TABLE 10-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	29	7	0	0	0	0	0	0	0	0	0	5
01	7	13	6	0	0	0	0	0	0	0	0	0	3
02	12	24	6	10	0	0	0	0	0	0	0	0	6
03	3	14	5	8	0	0	0	0	0	0	0	0	3
04	7	21	6	9	0	0	0	0	0	0	0	4	5
05	8	21	8	9	0	0	0	0	0	0	0	4	5
06	8	11	9	14	0	0	0	0	0	0	0	0	4
07	7	20	4	13	0	0	0	0	0	0	0	0	4
08	8	10	7	0	0	0	0	0	0	0	0	0	2
09	8	25	6	0	0	0	0	0	0	0	0	0	3
10	6	26	2	0	0	0	0	0	0	0	0	5	3
11	3	7	0	0	0	0	0	0	0	0	0	3	1
12	3	13	2	0	0	0	0	0	0	0	0	3	2
13	6	4	2	0	0	0	0	0	0	0	0	0	1
14	7	10	0	0	0	0	0	0	0	0	0	0	2
15	3	3	0	0	0	0	0	0	0	0	0	0	1
16	0	7	0	0	0	0	0	0	0	0	0	0	1
17	8	12	0	0	0	0	0	0	0	0	0	3	2
18	4	13	0	0	0	0	0	0	0	0	0	3	2
19	4	18	0	0	0	0	0	0	0	0	0	6	4
20	6	25	5	0	0	0	0	0	0	0	0	0	4
21	0	39	7	0	0	0	0	0	0	0	0	0	6
22	13	33	6	0	0	0	*	0	0	0	0	0	6
23	18	28	7	0	0	0	0	0	0	0	0	0	7
ALL	6	16	3	2	0	0	0	0	0	0	0	1	3

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 10-8 THRU 10-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	17	14	11	4	3	3	6	7	13	25	22	158
01	28	15	17	13	4	2	1	7	8	17	28	28	168
02	34	21	18	10	3	6	2	5	11	13	24	25	172
03	29	14	19	13	5	4	1	5	9	22	24	26	171
04	27	14	17	11	4	4	1	5	13	15	24	28	163
05	24	14	13	11	5	1	1	5	8	24	22	25	153
06	25	18	23	14	10	4	1	4	9	22	27	24	181
07	28	20	26	16	14	4	4	9	14	25	26	25	211
08	26	20	27	23	24	6	5	12	19	28	30	34	254
09	26	20	33	27	21	10	8	12	18	28	32	34	269
10	35	23	43	34	29	9	10	18	25	29	38	38	331
11	35	30	42	29	27	10	15	21	29	38	41	39	356
12	35	31	50	28	35	8	13	18	27	42	39	38	364
13	34	25	42	32	34	11	15	18	35	38	43	40	367
14	41	31	45	34	41	12	17	19	28	38	38	39	383
15	29	30	42	31	38	12	13	15	31	35	33	36	345
16	30	29	40	32	26	9	13	12	27	32	28	31	309
17	24	26	27	24	30	11	16	13	21	26	25	32	275
18	23	23	25	19	15	9	9	9	17	19	23	32	223
19	23	22	21	16	7	5	2	4	9	15	21	34	179
20	16	20	22	14	6	3	4	6	8	16	17	28	160
21	18	18	15	17	5	2	1	4	8	12	20	23	143
22	24	15	16	13	3	8	0	5	10	8	20	25	147
23	22	18	14	15	5	3	1	6	10	12	17	25	148
ALL	669	514	651	487	395	156	156	238	401	567	665	731	5630

TABLE 10-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	43	38	25	0	0	*	50	33	40	46	13	37
01	55	50	56	0	*	50	*	50	33	50	38	9	38
02	50	50	33	0	*	100	0	100	50	33	60	30	44
03	44	33	30	33	*	0	*	100	75	20	43	40	38
04	33	17	44	33	0	0	*	*	67	38	60	23	36
05	40	0	75	25	0	*	100	*	50	57	42	0	36
06	29	14	60	25	20	*	*	*	0	29	44	25	31
07	33	0	40	25	50	0	*	0	0	27	10	50	27
08	43	29	31	25	38	0	*	33	33	27	31	64	35
09	63	0	33	15	40	50	0	0	17	25	27	80	34
10	78	9	41	17	29	0	0	50	25	33	40	53	35
11	63	0	32	14	20	0	0	33	0	17	31	44	24
12	60	13	32	36	17	25	0	22	27	17	31	24	26
13	44	0	33	14	29	0	0	20	0	24	39	29	24
14	56	20	38	25	20	33	20	17	0	27	31	18	27
15	43	11	44	17	17	60	0	0	10	25	31	33	25
16	57	13	38	29	0	33	0	20	27	33	17	43	28
17	38	10	54	30	0	0	0	0	50	58	29	38	31
18	36	13	50	13	25	0	25	0	50	57	38	43	33
19	20	14	30	20	100	0	0	0	100	29	14	39	28
20	25	40	30	67	0	0	0	0	67	33	36	23	32
21	38	33	44	60	0	*	*	0	100	33	57	17	37
22	40	36	50	0	50	*	*	50	50	0	75	0	37
23	55	33	71	0	50	*	*	50	25	33	75	8	41
ALL	45	19	41	22	21	20	8	23	29	31	38	33	31

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

TABLE 10-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	25	0	0	*	0	0	0	0	0	2
01	0	17	0	20	*	0	*	0	0	0	0	0	3
02	0	17	0	33	*	0	0	0	0	0	0	0	3
03	0	0	0	33	*	0	*	0	0	0	0	0	2
04	0	17	11	17	0	0	*	*	0	0	0	0	5
05	0	0	0	25	0	*	0	*	0	0	0	0	2
06	0	0	0	25	0	*	*	*	0	0	0	0	2
07	0	0	10	13	0	0	*	0	0	0	0	0	3
08	0	0	8	13	0	0	*	0	0	0	0	0	2
09	0	0	7	0	0	0	0	0	0	0	0	0	1
10	0	0	6	8	0	0	0	0	0	0	0	0	2
11	0	8	0	7	0	0	0	0	0	0	0	0	2
12	0	13	5	0	0	0	0	0	0	0	0	0	2
13	11	10	0	0	0	0	0	0	0	0	0	0	2
14	0	0	5	0	0	0	0	0	0	0	0	6	1
15	0	0	0	6	0	0	0	0	0	0	0	8	2
16	0	13	0	14	0	0	0	0	0	0	0	7	4
17	13	10	0	0	0	0	0	0	0	0	0	0	2
18	9	0	0	0	0	0	0	0	0	0	0	7	2
19	10	29	0	0	0	0	0	0	0	0	0	0	4
20	13	10	0	0	0	0	0	0	0	0	0	0	3
21	0	11	0	0	0	*	*	0	0	0	0	0	2
22	0	0	0	25	0	*	*	0	0	0	0	0	2
23	0	0	0	33	0	*	*	0	0	0	0	0	2
ALL	2	6	2	8	0	0	0	0	0	0	0	1	2

TABLE 10-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	11	13	0	0	0	*	0	0	0	0	0	3
01	0	0	11	0	*	0	*	0	0	0	0	0	1
02	0	0	0	0	*	0	0	0	0	0	0	0	0
03	0	0	0	0	*	0	*	0	0	0	0	0	0
04	9	0	11	0	0	0	*	0	0	0	0	0	3
05	0	14	0	0	0	*	0	0	0	0	0	0	2
06	0	0	0	0	0	*	*	0	0	0	0	0	0
07	0	0	10	0	0	0	*	0	0	0	0	0	1
08	0	0	8	0	0	0	*	0	0	0	0	0	1
09	0	13	7	0	0	0	0	0	0	0	0	0	2
10	0	9	6	0	0	0	0	0	0	0	0	0	2
11	0	7	0	0	0	0	0	0	0	0	0	6	1
12	0	10	5	0	0	0	0	0	0	0	0	0	1
13	6	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	11	10	0	0	0	0	0	0	0	0	0	0	2
18	8	0	0	0	0	0	0	0	0	0	0	0	1
19	10	14	0	0	0	0	0	0	0	0	0	0	3
20	0	10	0	0	0	0	0	0	0	0	0	0	1
21	0	22	0	0	0	*	*	0	0	0	0	0	3
22	7	18	0	0	0	*	*	0	0	0	0	0	5
23	0	22	0	0	0	*	*	0	0	0	0	0	3
ALL	2	7	3	0	0	0	0	0	0	0	0	0	1

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 10-11 THRU 10-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	13	9	8	4	2	1	0	2	3	5	14	9	70
01	16	8	9	5	0	2	0	2	3	4	14	12	75
02	16	7	9	3	0	1	1	1	6	3	10	10	67
03	10	7	10	3	0	1	0	2	5	10	8	10	66
04	11	7	9	6	1	1	0	1	4	8	11	13	72
05	9	7	8	4	1	0	1	1	4	7	12	11	65
06	10	8	11	4	5	0	0	1	4	7	10	12	72
07	7	7	10	8	2	1	0	1	4	11	10	14	75
08	11	9	13	8	8	2	0	3	4	11	14	11	94
09	11	8	15	13	5	2	2	3	7	12	17	15	110
10	11	11	18	13	10	5	2	2	10	12	13	17	124
11	12	15	19	14	12	3	2	3	10	12	17	18	137
12	11	10	22	13	12	4	2	9	13	18	16	18	148
13	16	11	20	14	9	4	4	5	10	17	21	18	149
14	14	12	21	12	18	6	5	6	8	11	19	17	149
15	9	10	16	19	13	5	4	4	11	16	16	12	135
16	11	9	13	16	9	3	4	5	14	15	13	14	126
17	9	10	13	11	8	3	5	4	5	12	9	13	102
18	13	8	12	8	4	4	4	3	5	7	9	15	92
19	10	7	10	5	1	2	1	2	3	7	7	18	73
20	8	10	10	3	1	1	1	1	4	6	11	13	69
21	8	9	9	5	3	0	0	1	2	3	7	12	59
22	15	11	6	4	2	0	0	2	5	2	8	9	64
23	11	9	7	3	2	0	0	3	4	3	8	12	62
ALL	272	219	298	198	128	51	38	67	148	219	294	323	2255

TABLE 10-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	67	75	0	*	*	*	*	33	*	57	33	52
01	67	67	75	*	*	*	*	*	50	0	50	20	52
02	50	50	25	*	*	*	*	*	100	50	100	20	52
03	25	50	33	0	*	*	*	*	50	33	50	50	40
04	33	0	80	0	*	*	*	*	0	67	67	0	45
05	33	0	100	0	*	*	*	*	100	50	100	0	57
06	40	0	33	50	0	*	*	*	0	50	75	0	38
07	40	0	67	0	50	*	*	*	*	25	0	75	33
08	50	0	50	0	100	*	*	*	*	20	0	60	40
09	80	0	40	0	100	*	*	*	100	33	50	83	50
10	86	0	67	33	100	*	*	0	25	60	60	50	54
11	75	0	60	17	50	0	*	*	0	13	67	50	35
12	67	0	57	0	25	25	*	0	33	0	40	38	29
13	40	0	43	0	33	0	0	0	0	40	50	43	26
14	67	20	50	20	50	50	*	0	0	33	67	25	38
15	75	0	50	33	0	100	0	0	25	33	67	20	35
16	100	0	20	43	0	100	0	100	33	60	25	67	41
17	50	0	0	33	0	0	0	0	100	50	0	100	37
18	67	0	100	25	*	0	0	0	100	60	67	80	52
19	0	50	50	100	100	*	0	*	100	100	0	71	57
20	33	100	50	0	0	*	*	*	100	0	50	40	43
21	50	67	60	0	0	*	*	*	100	*	75	33	57
22	60	50	75	*	100	*	*	*	100	*	100	0	61
23	80	40	75	0	100	*	*	0	50	100	100	20	59
ALL	55	23	56	20	44	38	0	10	41	36	59	47	43

STATION: RAF FAIRFORD, UK

WMO #: 036440

RUNWAY HEADING: 090-270

TABLE 10-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	100	*	*	*	*	0	*	0	0	3
01	0	33	0	*	*	*	*	*	0	0	0	0	4
02	0	25	0	*	*	*	*	*	0	0	0	0	4
03	0	0	0	100	*	*	*	*	0	0	0	0	4
04	0	0	0	100	*	*	*	*	0	0	0	0	5
05	0	0	0	100	*	*	*	*	0	0	0	0	7
06	0	0	0	50	0	*	*	*	0	0	0	0	5
07	0	0	0	33	0	*	*	*	*	0	0	0	4
08	0	0	0	0	0	*	*	*	*	0	0	0	0
09	0	0	0	0	0	*	*	*	0	0	0	0	0
10	0	0	0	0	0	*	*	0	0	0	0	0	0
11	0	0	0	17	0	0	*	*	0	0	0	0	2
12	0	0	0	0	0	0	*	0	0	0	0	0	0
13	0	25	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	*	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	20	2
16	0	33	0	14	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	*	0	0	0	0	0	0	0	0
19	0	0	0	0	0	*	0	*	0	0	0	0	0
20	0	0	0	0	0	*	*	*	0	0	0	0	0
21	0	33	0	0	0	*	*	*	0	*	0	0	5
22	0	0	0	*	0	*	*	*	0	*	0	0	0
23	0	0	0	100	0	*	*	0	0	0	0	0	3
ALL	0	7	0	13	0	0	0	0	0	0	0	1	2

TABLE 10-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	33	0	0	*	*	*	*	0	*	0	0	3
01	0	0	0	*	*	*	*	*	0	0	0	0	0
02	0	0	0	*	*	*	*	*	0	0	0	0	0
03	0	0	0	0	*	*	*	*	0	0	0	0	0
04	0	0	0	0	*	*	*	*	0	0	0	0	0
05	0	0	0	0	*	*	*	*	0	0	0	0	0
06	0	0	0	0	0	*	*	*	0	0	0	0	0
07	0	0	0	0	0	*	*	*	*	0	0	0	0
08	0	0	0	0	0	*	*	*	*	0	0	0	0
09	0	0	0	0	0	*	*	*	0	0	0	0	0
10	0	0	0	0	0	*	*	0	0	0	0	0	0
11	0	0	0	0	0	0	*	*	0	0	0	0	0
12	0	0	0	0	0	0	*	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	*	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	*	0	0	0	0	0	0	0	0
19	0	0	0	0	0	*	0	*	0	0	0	0	0
20	0	0	0	0	0	*	*	*	0	0	0	0	0
21	0	33	0	0	0	*	*	*	0	*	0	0	5
22	0	25	0	*	0	*	*	*	0	*	0	0	4
23	0	20	0	0	0	*	*	0	0	0	0	0	3
ALL	0	5	0	0	0	0	0	0	0	0	0	0	0

STATION: RAF FAIRFORD UK

WMO #: 036440

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 10-14 THRU 10-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	3	4	1	0	0	0	0	3	0	8	3	30
01	7	3	4	0	0	0	0	0	2	1	4	5	26
02	8	4	4	0	0	0	0	0	1	2	5	5	29
03	5	3	3	1	0	0	0	0	2	3	4	6	27
04	8	3	5	1	0	0	0	0	1	3	3	1	25
05	3	2	3	1	0	0	0	0	1	2	2	1	15
06	5	3	3	2	1	0	0	0	1	2	4	1	22
07	5	4	3	3	2	0	0	0	0	4	3	4	28
08	5	2	4	2	2	0	0	0	0	5	1	5	26
09	6	3	5	4	1	0	0	0	2	6	9	6	42
10	7	2	9	6	1	0	0	1	5	5	5	8	49
11	5	7	5	6	2	1	0	0	4	8	6	10	54
12	4	4	7	5	4	4	0	1	6	7	5	8	55
13	6	4	8	7	3	2	1	1	6	5	6	7	56
14	4	5	8	5	7	4	0	1	4	6	3	4	51
15	5	5	4	7	2	2	1	1	4	6	4	5	46
16	1	3	5	9	1	1	1	1	8	5	4	6	45
17	2	3	1	7	2	1	2	2	1	4	1	5	31
18	3	3	2	4	0	1	1	1	1	5	3	5	29
19	3	2	2	1	1	0	1	0	2	1	1	7	21
20	3	2	2	1	1	0	0	0	2	3	4	5	23
21	2	3	5	1	1	0	0	0	2	0	4	3	21
22	5	4	4	0	1	0	0	0	2	0	3	4	23
23	5	5	4	1	1	0	0	1	2	1	4	5	29
ALL	115	82	104	75	33	16	7	10	62	84	96	119	803

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

TABLE 11-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	6	0	0	3	0	0	0	4	3	0	0	2
01	2	0	0	0	0	0	0	0	0	0	0	*	0
02	2	0	0	0	0	3	0	0	0	0	0	*	1
03	2	0	3	0	1	2	2	0	0	0	0	*	1
04	0	0	0	0	0	0	0	0	0	2	0	0	0
05	1	1	1	0	0	1	0	0	1	0	1	3	1
06	1	0	1	1	0	1	0	0	1	1	1	2	1
07	1	1	2	1	0	0	1	0	1	1	1	1	1
08	2	1	1	3	2	1	1	1	1	1	2	3	1
09	1	2	3	3	1	1	1	1	1	1	2	2	2
10	2	1	4	4	2	3	2	0	1	2	2	2	2
11	3	3	5	6	3	4	3	1	3	3	3	1	3
12	2	3	4	7	3	2	3	1	1	1	1	2	3
13	3	3	3	6	3	3	4	2	3	2	2	2	3
14	3	2	4	6	3	2	3	2	1	2	2	3	3
15	2	1	5	7	2	2	3	3	2	0	1	1	2
16	2	1	2	3	2	3	2	1	0	0	1	1	1
17	2	0	2	5	2	4	1	1	0	1	1	1	2
18	2	1	1	3	1	1	0	0	0	0	1	1	1
19	0	0	1	3	0	0	1	0	0	0	1	1	1
20	1	1	0	2	1	0	0	0	0	0	0	0	1
21	2	1	1	0	0	1	0	1	0	0	2	1	1
22	0	0	0	3	0	0	3	0	0	3	0	0	1
23	0	3	0	3	0	0	0	0	0	0	0	*	1
ALL	2	1	2	4	2	2	1	1	1	1	2	2	2

TABLE 11-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	3	0	0	0	0	0	0	0	3	0	0	1
01	0	0	0	0	0	0	0	0	0	0	0	*	0
02	0	0	0	0	0	0	0	0	0	0	0	*	0
03	0	0	0	0	0	0	0	0	0	0	0	*	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	1	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	0	0	1	0	0	0	0	0	0	1	0	0
11	0	0	0	0	0	1	0	0	0	1	0	0	0
12	0	1	0	1	0	0	1	0	0	0	0	1	0
13	0	0	0	0	0	0	0	0	0	0	1	0	0
14	1	0	1	2	0	1	0	0	0	0	0	0	0
15	0	0	1	2	0	0	0	0	0	0	0	0	0
16	1	0	1	1	1	1	1	0	0	0	0	0	0
17	0	0	1	2	0	1	0	0	0	0	1	0	0
18	1	0	0	1	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	1	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	3	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	*	0
ALL	0	0	0	1	0	0	0	0	0	0	0	0	0

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

TABLE 11-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	3	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	*	0
02	0	0	0	0	0	0	0	0	0	0	0	*	0
03	0	0	0	0	0	0	0	0	0	0	0	*	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	*	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 11-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	*	0
02	0	0	0	0	0	0	0	0	0	0	0	*	0
03	0	0	0	0	0	0	0	0	0	0	0	*	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	*	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 11-1 THRU 11-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	41	36	31	29	31	31	31	31	23	33	3	1	321
01	42	35	32	30	31	31	31	36	22	31	1	0	322
02	42	35	31	30	31	31	32	31	22	32	1	0	318
03	42	35	35	72	71	52	53	61	42	32	1	0	496
04	81	72	91	208	217	190	194	200	160	52	38	38	1541
05	393	369	411	406	416	390	395	399	383	381	357	315	4615
06	411	381	421	411	417	390	396	403	387	391	374	367	4749
07	417	383	423	411	419	390	396	403	389	392	375	387	4785
08	419	385	423	411	419	390	397	403	389	393	375	387	4791
09	420	385	423	411	418	390	397	402	389	393	375	387	4790
10	419	385	423	409	419	390	397	403	389	393	375	387	4789
11	420	385	423	409	414	390	391	403	389	394	375	385	4778
12	419	385	421	400	406	380	387	394	381	394	374	384	4725
13	411	377	412	401	402	380	387	394	380	393	365	373	4675
14	410	376	408	358	352	338	342	346	338	391	365	373	4397
15	303	281	312	300	291	285	279	293	260	274	246	259	3383
16	299	271	312	299	287	285	279	293	259	272	245	243	3344
17	292	267	311	275	261	257	256	267	233	267	245	213	3144
18	263	225	288	271	257	255	254	267	231	240	222	144	2917
19	201	179	282	268	254	251	254	267	230	236	218	138	2778
20	199	177	281	267	254	248	253	265	227	236	215	137	2759
21	197	175	265	163	148	150	152	161	143	235	214	137	2140
22	45	35	32	33	31	31	31	30	20	32	2	1	323
23	43	35	31	31	31	30	31	30	20	32	2	0	316
		5669		6303		5955		6182		5919		5056	
ALL	6229		6522		6277		6015		5706		5363		71196

TABLE 11-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	50	*	*	100	*	*	*	100	100	*	*	67
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	0	*	*	*	*	100	*	*	*	*	*	*	50
03	0	*	0	*	0	100	0	*	*	*	*	*	20
04	*	*	*	100	*	*	*	*	*	0	*	*	50
05	33	0	0	50	*	50	*	*	0	100	0	11	17
06	0	0	50	0	0	50	0	0	0	100	20	0	18
07	20	0	11	20	0	100	20	*	25	50	0	25	19
08	0	0	0	31	0	0	25	0	25	40	14	9	14
09	0	17	17	0	20	0	67	0	33	50	13	13	14
10	11	0	0	17	0	20	17	0	0	17	11	13	10
11	25	0	9	17	7	13	10	0	18	20	9	25	13
12	13	8	0	3	14	0	30	0	25	20	20	0	9
13	0	0	8	0	8	0	0	0	50	29	14	0	8
14	7	17	12	9	0	38	0	0	25	43	14	10	12
15	0	0	13	5	20	0	14	13	0	*	0	67	10
16	0	0	0	22	40	13	0	50	*	*	0	33	14
17	20	100	14	20	0	18	0	33	0	25	33	67	22
18	25	50	0	22	33	50	0	*	0	*	33	0	25
19	*	*	0	13	100	0	0	*	*	100	0	0	17
20	100	0	0	0	0	*	*	*	0	*	*	*	7
21	25	0	0	*	*	0	*	0	*	100	50	50	29
22	*	*	*	0	*	*	100	*	*	100	*	*	67
23	*	0	*	0	*	*	*	*	*	*	*	*	0
ALL	11	8	9	12	12	16	13	7	23	38	14	14	14

STATION: FEUCHT AAF FRG

WMO #: 107640

RUNWAY HEADING: 090-270

TABLE 11-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	50	*	*	0	*	*	*	0	0	*	*	17
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	0	*	*	*	*	0	*	*	*	*	*	*	0
03	0	*	0	*	0	0	0	*	*	*	*	*	0
04	*	*	*	0	*	*	*	*	*	0	*	*	0
05	33	25	67	50	*	0	*	*	0	0	0	22	24
06	0	0	0	0	0	0	0	0	0	0	20	11	6
07	20	50	11	0	0	0	0	*	0	0	20	25	12
08	14	0	25	15	0	0	0	0	0	0	43	36	15
09	33	0	8	8	0	0	0	0	0	0	38	38	13
10	22	0	27	6	0	0	0	0	0	0	11	13	9
11	25	20	9	8	0	0	0	0	0	0	18	0	7
12	25	0	13	7	0	0	0	0	0	0	0	11	6
13	15	27	15	8	0	0	0	0	0	0	0	0	6
14	21	0	12	9	0	0	0	0	0	0	0	10	7
15	0	0	13	5	0	0	0	0	0	*	50	0	5
16	33	0	29	0	0	0	0	0	*	*	100	33	14
17	20	0	29	13	0	0	0	0	0	0	0	0	8
18	50	0	50	22	0	0	0	*	0	*	0	0	18
19	*	*	0	25	0	0	0	*	*	0	50	0	17
20	0	50	0	33	0	*	*	*	0	*	*	*	21
21	25	0	0	*	*	0	*	0	*	0	0	0	6
22	*	*	*	0	*	*	0	*	*	0	*	*	0
23	*	100	*	0	*	*	*	*	*	*	*	*	50
ALL	21	14	16	10	0	0	0	0	0	0	18	16	9

TABLE 11-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	0	*	*	*	0	0	*	*	0
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	0	*	*	*	*	0	*	*	*	*	*	*	0
03	0	*	0	*	0	0	0	*	*	*	*	*	0
04	*	*	*	0	*	*	*	*	*	0	*	*	0
05	67	25	33	0	*	0	*	*	0	0	33	44	31
06	67	0	25	0	0	0	0	0	0	0	60	33	26
07	60	50	33	0	0	0	0	*	0	0	40	25	23
08	57	50	25	0	0	0	0	0	0	0	29	36	17
09	50	50	17	0	0	0	0	0	0	0	13	50	17
10	33	20	20	0	0	0	0	0	0	0	33	38	13
11	25	20	9	0	0	0	0	0	0	0	18	25	7
12	25	8	13	0	0	0	0	0	0	0	20	56	9
13	23	27	8	0	0	0	0	0	0	0	29	13	7
14	43	0	0	0	0	0	0	0	0	0	14	30	8
15	40	50	7	0	0	0	0	0	0	*	100	0	8
16	50	50	14	0	0	0	0	0	*	*	100	33	16
17	40	0	14	0	0	0	0	0	0	0	67	0	8
18	50	50	0	11	0	0	0	*	0	*	33	0	18
19	*	*	0	0	0	0	0	*	*	0	50	0	6
20	0	50	100	33	0	*	*	*	0	*	*	*	29
21	25	50	0	*	*	0	*	0	*	0	25	50	24
22	*	*	*	0	*	*	0	*	*	0	*	*	0
23	*	0	*	0	*	*	*	*	*	*	*	*	0
ALL	38	24	13	1	0	0	0	0	0	0	33	34	12

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 11-5 THRU 11-7

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	2	0	0	1	0	0	0	1	1	0	0	6
01	1	0	0	0	0	0	0	0	0	0	0	0	1
02	1	0	0	0	0	1	0	0	0	0	0	0	2
03	1	0	1	0	1	1	1	0	0	0	0	0	5
04	0	0	0	1	0	0	0	0	0	1	0	0	2
05	3	4	3	2	0	2	0	0	2	1	3	9	29
06	3	1	4	3	1	2	1	1	2	2	5	9	34
07	5	2	9	5	1	1	5	0	4	2	5	4	43
08	7	2	4	13	7	4	4	3	4	5	7	11	71
09	6	6	12	13	5	5	3	3	3	4	8	8	76
10	9	5	15	18	8	10	6	1	4	6	9	8	99
11	12	10	23	24	14	15	10	4	11	10	11	4	148
12	8	13	15	29	14	9	10	2	4	5	5	9	123
13	13	11	13	24	13	11	14	7	12	7	7	8	140
14	14	6	17	22	9	8	9	8	4	7	7	10	121
15	5	2	15	21	5	6	7	8	6	0	2	3	80
16	6	2	7	9	5	8	5	2	0	0	2	3	49
17	5	1	7	15	4	11	3	3	1	4	3	2	59
18	4	2	2	9	3	2	1	0	1	0	3	1	28
19	0	0	2	8	1	1	2	0	0	1	2	1	18
20	1	2	1	6	3	0	0	0	1	0	0	0	14
21	4	2	2	0	0	1	0	1	0	1	4	2	17
22	0	0	0	1	0	0	1	0	0	1	0	0	3
23	0	1	0	1	0	0	0	0	0	0	0	0	2
ALL	109	74	152	224	95	98	82	43	60	58	83	92	1170

TABLE 11-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	100	*	*	*	*	*	*	*	100	*	*	100
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	0	*	0	*	*	*	*	*	*	100	*	0	25
06	*	0	100	*	*	100	*	*	*	100	100	*	80
07	*	0	100	0	*	*	*	*	0	100	*	0	33
08	*	*	*	0	0	*	*	*	100	100	*	0	43
09	0	*	0	0	*	0	100	*	*	100	*	0	25
10	0	0	0	33	*	*	*	*	*	100	33	0	23
11	50	*	0	0	0	0	0	*	*	50	*	*	18
12	0	0	0	20	0	0	50	*	*	100	*	0	19
13	0	0	0	0	*	*	*	0	100	100	0	0	18
14	33	*	0	14	*	50	*	0	*	*	0	0	16
15	0	*	25	20	*	0	0	100	*	*	*	*	23
16	0	*	0	33	50	0	0	*	*	*	0	100	19
17	*	*	0	20	0	0	*	*	*	0	50	100	21
18	0	*	0	33	100	*	0	*	*	*	0	*	22
19	*	*	*	0	100	0	*	*	*	*	*	*	33
20	100	*	*	0	0	*	*	*	*	*	*	*	20
21	*	*	*	*	*	*	*	*	*	*	100	*	100
22	*	*	*	*	*	*	100	*	*	*	*	*	100
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	16	14	13	17	33	15	33	33	67	85	33	18	26

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

TABLE 11-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	0	*	*	*	*	*	*	*	0	*	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	100	*	0	*	*	*	*	*	*	0	*	0	25
06	*	0	0	*	*	0	*	*	*	0	0	*	0
07	*	0	0	0	*	*	*	*	0	0	*	100	17
08	*	*	*	0	0	*	*	*	0	0	*	100	14
09	0	*	50	0	*	0	0	*	*	0	*	100	25
10	33	0	0	0	*	*	*	*	*	0	33	0	15
11	0	*	50	0	0	0	0	*	*	0	*	*	9
12	100	0	0	20	0	0	0	*	*	0	*	0	13
13	50	0	0	0	*	*	*	0	0	0	0	0	9
14	33	*	25	0	*	0	*	0	*	*	0	0	11
15	0	*	25	0	*	0	0	0	*	*	*	*	8
16	50	*	67	0	0	0	0	*	*	*	100	0	25
17	*	*	0	20	0	0	*	*	*	0	0	0	7
18	100	*	0	67	0	*	0	*	*	*	0	*	44
19	*	*	*	0	0	0	*	*	*	*	*	*	0
20	0	*	*	33	0	*	*	*	*	*	*	*	20
21	*	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	0	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	42	0	25	12	0	0	0	0	0	0	17	27	15

TABLE 11-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	0	*	*	*	*	*	*	*	0	*	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	100	*	0	*	*	*	*	*	*	0	*	0	25
06	*	0	0	*	*	0	*	*	*	0	0	*	0
07	*	0	0	0	*	*	*	*	0	0	*	100	17
08	*	*	*	0	0	*	*	*	0	0	*	100	14
09	0	*	50	0	*	0	0	*	*	0	*	100	25
10	33	0	0	0	*	*	*	*	*	0	33	0	15
11	0	*	50	0	0	0	0	*	*	0	*	*	9
12	100	0	0	0	0	0	0	*	*	0	*	0	6
13	50	0	0	0	*	*	*	0	0	0	50	0	18
14	33	*	0	0	*	0	*	0	*	*	100	0	11
15	100	*	25	0	*	0	0	0	*	*	*	*	15
16	100	*	33	0	0	0	0	*	*	*	100	0	25
17	*	*	0	0	0	0	*	*	*	0	50	*	8
18	50	*	0	33	0	*	0	*	*	*	0	*	22
19	*	*	*	0	0	0	*	*	*	*	*	*	0
20	0	*	*	33	0	*	*	*	*	*	*	*	20
21	*	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	0	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	47	0	17	5	0	0	0	0	0	0	42	30	14

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 11-8 THRU 11-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	1	0	0	0	0	0	0	0	1	0	0	2
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	1	0	1	0	0	0	0	0	0	1	0	1	4
06	0	1	1	0	0	1	0	0	0	1	1	0	5
07	0	1	1	1	0	0	0	0	1	1	0	1	6
08	0	0	0	2	1	0	0	0	1	2	0	1	7
09	1	0	2	1	0	1	1	0	0	1	0	1	8
10	3	1	1	3	0	0	0	0	0	1	3	1	13
11	2	0	2	1	1	2	1	0	0	2	0	0	11
12	1	2	1	5	1	1	2	0	0	1	0	2	16
13	2	1	1	1	0	0	0	1	1	1	2	1	11
14	3	0	4	7	0	2	0	1	0	0	1	1	19
15	1	0	4	5	0	1	1	1	0	0	0	0	13
16	2	0	3	3	2	2	2	0	0	0	1	1	16
17	0	0	2	5	1	2	0	0	0	1	2	0	13
18	2	0	1	3	1	0	1	0	0	0	1	0	9
19	0	0	0	1	1	1	0	0	0	0	0	0	3
20	1	0	0	3	1	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	1	0	1
22	0	0	0	0	0	0	1	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	19	7	24	41	9	13	9	3	3	13	12	10	163

TABLE 11-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	100	*	*	*	*	*	*	*	*	*	*	100
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	100	*	*	100
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	0	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	0	*	*	*	*	*	*	*	100	*	0	*	33
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	100	*	*	*	*	*	*	*	*	*	100
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	100	*	*	*	*	*	*	*	100	100
18	*	*	0	100	100	*	*	*	*	*	*	*	67
19	*	*	*	0	*	*	*	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	100	50	67	100	*	*	*	100	100	0	50	62

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

TABLE 11-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	0	*	*	*	*	*	*	*	*	*	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	0	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	100	100
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	100	*	*	*	*	*	*	*	0	*	0	*	33
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	0	*	*	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	0	*	*	*	*	*	*	*	0	0
18	*	*	0	0	0	*	*	*	*	*	*	*	0
19	*	*	*	0	*	*	*	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	100	0	0	0	0	*	*	*	0	0	0	50	15

TABLE 11-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	0	*	*	*	*	*	*	*	*	*	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	0	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	100	100
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	0	*	*	*	*	*	*	*	0	*	100	*	33
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	0	*	*	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	0	*	*	*	*	*	*	*	*	0
18	*	*	0	0	0	*	*	*	*	*	*	*	0
19	*	*	*	0	*	*	*	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	*	*	*	0	0	100	100	17

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 11-11 THRU 11-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	1	0	0	0	0	0	0	0	0	0	0	1
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	1	0	0	1
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	1	1
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	1	0	1	0	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	1	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	1	0	0	0	0	0	0	0	0	1
18	0	0	1	1	1	0	0	0	0	0	0	0	3
19	0	0	0	1	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	1	2	3	1	0	0	0	1	1	1	1	12

TABLE 11-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	*	*	*	*	*	*	*	*	*	*	*	0

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

TABLE 11-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	100	*	*	*	*	*	*	*	*	*	*	*	100
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	100	*	*	*	*	*	*	*	*	*	*	*	100

TABLE 11-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	*	*	*	*	*	*	*	*	*	*	*	0

STATION: FEUCHT AAF, FRG

WMO #: 107640

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 11-14 THRU 11-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	0	0	0	0	0	0	0	0	0	0	0	1

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

TABLE 12-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	*	0	0
01	0	0	0	0	0	0	0	0	0	*	*	*	0
02	0	0	0	0	0	0	0	0	0	0	*	*	0
03	0	0	0	0	0	0	0	*	*	0	0	*	0
04	3	4	1	2	1	2	0	1	1	1	2	10	2
05	7	4	4	2	2	1	1	1	2	2	1	7	3
06	8	3	6	4	3	3	1	1	1	2	2	6	3
07	7	3	5	4	3	3	2	1	2	2	3	5	3
08	8	3	7	5	4	4	3	2	4	2	3	6	4
09	9	5	7	7	3	6	2	3	5	5	2	4	5
10	9	5	9	9	7	4	2	2	5	4	3	7	6
11	9	5	8	8	6	8	2	3	7	6	5	7	6
12	10	4	9	10	7	11	4	4	8	6	6	6	7
13	8	8	13	15	7	8	5	3	7	5	7	5	8
14	7	5	13	13	9	6	6	4	8	6	6	2	7
15	6	4	10	13	6	5	6	3	4	4	5	5	6
16	8	5	8	11	7	11	3	4	2	2	6	3	6
17	8	2	8	13	4	5	5	2	2	1	3	5	5
18	7	2	8	9	5	5	1	1	2	2	3	4	4
19	6	4	6	6	2	2	2	0	2	2	3	3	3
20	5	2	7	6	2	2	2	1	1	2	4	5	3
21	6	3	3	1	1	1	1	1	3	1	3	1	2
22	0	0	5	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	8	4	8	8	5	5	3	2	4	3	4	5	5

TABLE 12-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	*	0	0
01	0	0	0	0	0	0	0	0	0	*	*	*	0
02	0	0	0	0	0	0	0	0	0	0	*	*	0
03	0	0	0	0	0	0	0	*	*	0	0	*	0
04	1	0	1	0	0	0	0	0	1	1	0	6	1
05	2	0	2	0	0	0	0	0	1	1	0	3	1
06	1	1	2	1	1	1	0	0	1	1	0	1	1
07	2	2	3	1	1	0	0	0	1	1	0	1	1
08	3	2	3	1	1	1	1	0	1	1	0	1	1
09	2	2	2	1	1	1	0	1	2	2	0	2	1
10	2	0	2	3	1	1	1	0	2	1	0	2	1
11	3	2	3	3	2	1	0	1	2	1	1	3	2
12	2	2	2	4	3	3	1	1	2	1	1	2	2
13	4	2	3	4	1	3	0	1	1	0	1	2	2
14	2	1	5	4	2	0	1	1	2	1	1	1	2
15	1	1	3	5	2	1	1	1	1	0	2	1	2
16	2	2	3	4	2	2	0	0	0	1	1	1	2
17	3	0	3	5	2	2	1	1	1	0	0	0	2
18	3	0	1	4	1	2	1	0	1	0	0	0	1
19	2	1	3	1	1	1	0	0	1	0	1	0	1
20	3	0	1	2	1	0	0	0	0	1	1	2	1
21	3	0	1	0	1	0	1	0	0	1	1	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	2	1	2	3	1	1	1	0	1	1	1	1	1

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

TABLE 12-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	*	0	0
01	0	0	0	0	0	0	0	0	0	*	*	*	0
02	0	0	0	0	0	0	0	0	0	0	*	*	0
03	0	0	0	0	0	0	0	*	*	0	0	*	0
04	1	0	1	0	0	0	0	0	0	0	0	1	0
05	1	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	1	1	1	0	0	0	0	0	1	0	0	0	0
08	1	1	1	0	0	0	0	0	0	0	0	0	0
09	1	0	0	0	0	0	0	0	0	0	0	1	0
10	1	0	0	1	0	0	0	0	0	0	0	0	0
11	0	0	1	0	0	1	0	0	0	1	0	0	0
12	0	0	0	2	0	0	0	0	1	0	0	1	0
13	0	0	0	1	0	0	0	0	0	0	0	1	0
14	1	0	2	1	0	0	0	0	0	0	0	0	0
15	1	0	1	0	1	0	0	0	0	0	0	0	0
16	0	0	1	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	1	0	0	0	0	0	0	0	0	0	0
20	3	0	0	0	0	0	0	0	0	1	0	1	0
21	1	0	1	0	0	0	0	0	0	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	0	1	0	0	0	0	0	0	0	0	0	0

TABLE 12-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	*	0	0
01	0	0	0	0	0	0	0	0	0	*	*	*	0
02	0	0	0	0	0	0	0	0	0	0	*	*	0
03	0	0	0	0	0	0	0	*	*	0	0	*	0
04	1	0	1	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	0	0	0	0	0	1	0	1	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 12-1 THRU 12-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	5	4	9	4	6	7	16	1	1	0	1	57
01	4	5	4	9	1	4	7	13	1	0	0	0	48
02	3	5	4	9	2	6	7	9	1	1	0	0	47
03	3	5	4	4	2	6	1	0	0	3	1	0	29
04	75	69	95	206	202	220	192	227	174	92	91	81	1724
05	260	248	285	260	276	271	276	293	247	281	253	247	3197
06	273	257	291	275	274	286	285	298	261	290	261	278	3329
07	273	262	297	277	279	276	279	295	261	291	262	277	3329
08	279	261	297	282	277	277	282	300	261	285	258	273	3332
09	281	256	293	276	274	281	288	297	258	291	264	270	3329
10	284	260	291	272	274	278	298	297	266	291	259	272	3342
11	282	251	295	285	273	274	295	302	262	286	263	274	3342
12	279	251	289	282	271	274	295	302	260	288	265	271	3327
13	279	256	289	285	268	279	278	300	259	287	263	265	3308
14	280	255	288	273	259	272	281	298	264	283	263	263	3279
15	283	253	294	273	261	267	276	287	255	285	253	264	3251
16	273	260	286	271	259	256	264	295	238	289	254	246	3191
17	271	246	295	260	255	260	266	288	234	276	248	211	3110
18	251	234	273	250	244	251	257	273	221	263	235	186	2938
19	205	181	217	207	200	202	209	221	167	210	166	156	2341
20	158	150	184	186	169	183	197	203	148	188	138	133	2037
21	140	130	156	141	124	131	146	156	108	165	119	105	1621
22	10	12	21	34	40	40	54	69	31	19	12	10	352
23	6	9	12	10	5	9	11	24	2	7	3	1	99
	4121		4636		4609		5063		4672		4084		
ALL	4455		4764		4493		4751		4180		4131		53959

TABLE 12-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	50	0	0	0	0	0	*	0	100	0	50	38	19
05	32	30	36	0	0	25	0	0	75	20	67	22	27
06	18	14	29	20	38	11	0	0	100	57	33	41	29
07	20	14	44	18	25	0	0	0	0	33	29	38	23
08	24	11	32	14	0	0	13	20	10	33	0	53	20
09	19	15	25	6	13	0	40	22	0	21	0	42	16
10	12	31	15	8	11	17	17	0	7	8	13	37	15
11	20	31	17	26	13	5	0	0	6	13	8	37	16
12	25	36	8	22	16	10	0	0	5	39	0	33	16
13	17	25	16	20	15	9	7	0	18	60	5	21	18
14	26	25	28	22	30	7	6	0	20	44	13	17	22
15	11	44	24	25	25	14	13	20	27	55	23	31	25
16	24	42	48	7	28	7	14	8	20	57	43	50	26
17	27	0	26	12	27	8	8	0	25	75	38	40	21
18	29	0	32	22	0	17	0	25	0	50	50	25	23
19	31	29	17	25	0	50	25	0	0	75	40	20	27
20	13	33	42	17	75	0	0	33	50	33	40	29	29
21	25	0	0	0	100	0	100	50	0	0	33	0	21
22	*	*	100	*	*	*	*	*	*	*	*	*	100
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	22	25	26	17	19	9	10	8	15	38	21	35	21

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

TABLE 12-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	33	0	20	0	0	*	0	0	0	0	0	6
05	16	10	0	25	0	0	0	0	0	0	0	6	7
06	36	14	0	10	0	0	0	0	0	0	0	6	10
07	15	0	0	0	0	0	0	0	0	0	14	0	4
08	29	22	5	0	0	0	0	0	0	0	11	0	7
09	15	8	0	6	0	0	0	0	0	0	20	0	4
10	19	0	0	0	0	0	0	0	0	0	0	0	3
11	16	15	9	4	0	0	0	0	0	0	0	5	5
12	11	0	0	0	0	0	0	0	0	0	0	7	2
13	17	0	0	2	0	0	0	0	0	0	5	0	2
14	11	0	0	3	0	0	0	0	0	0	0	0	1
15	28	0	3	0	0	0	0	0	0	0	0	15	4
16	14	8	4	0	0	0	0	0	0	0	0	13	3
17	18	0	4	3	0	0	0	0	0	0	0	10	5
18	12	20	0	4	0	0	0	0	0	0	0	25	5
19	15	29	8	8	0	0	0	0	0	0	20	20	11
20	38	33	0	0	0	0	0	0	0	0	20	0	8
21	25	25	0	0	0	0	0	0	0	0	0	0	9
22	*	*	0	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	19	9	2	3	0	0	0	0	0	0	4	5	4

TABLE 12-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	67	*	20	0	0	*	0	0	0	0	13	13
05	26	22	18	25	0	0	0	0	0	0	0	11	14
06	27	0	13	0	0	0	0	0	0	0	17	24	12
07	25	17	6	9	0	0	0	0	0	0	14	15	10
08	38	22	14	7	0	0	0	0	0	0	11	6	11
09	38	15	0	0	0	0	0	0	0	0	40	8	9
10	27	15	0	0	0	0	0	0	0	0	0	5	5
11	32	8	0	0	0	0	0	0	0	0	0	5	5
12	18	10	0	0	0	0	0	0	0	0	0	7	3
13	30	0	0	0	0	0	0	0	0	0	5	14	4
14	11	0	0	0	0	0	0	0	0	0	0	0	1
15	28	25	3	0	0	0	0	0	0	0	0	8	5
16	24	0	4	0	0	0	0	0	0	0	0	0	3
17	32	0	0	3	0	0	0	0	0	0	0	0	5
18	29	0	0	4	0	0	0	0	0	0	0	13	6
19	38	0	17	8	0	0	0	0	0	0	20	40	15
20	13	0	0	0	0	0	0	0	0	0	20	14	5
21	25	25	0	0	0	0	0	0	0	0	33	0	12
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	28	10	3	2	0	0	0	0	0	0	6	10	6

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 12-5 THRU 12-7

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	2	3	0	5	3	4	0	2	1	1	2	8	31
05	19	9	11	4	5	4	3	2	4	5	3	18	87
06	22	7	16	10	8	9	3	2	3	7	6	17	110
07	20	6	16	11	8	7	6	4	6	6	7	13	110
08	21	9	22	14	10	12	8	5	10	6	9	17	143
09	26	13	20	18	8	18	5	9	12	14	5	12	160
10	26	13	27	24	19	12	6	6	14	13	8	19	187
11	25	13	22	23	16	21	6	8	18	16	13	19	200
12	28	10	25	27	19	31	11	12	20	18	15	15	231
13	23	20	37	44	20	22	15	8	17	15	19	14	254
14	19	12	36	36	23	15	16	13	20	16	15	6	227
15	18	8	37	35	16	13	16	9	11	11	13	13	200
16	21	12	23	30	18	27	7	12	5	7	14	7	183
17	22	4	22	33	11	13	12	7	4	4	8	10	150
18	17	5	21	23	11	12	3	4	5	4	8	8	121
19	13	7	12	12	3	4	4	1	4	4	5	5	74
20	8	3	12	12	4	4	3	3	2	3	5	7	66
21	8	4	5	1	1	1	2	2	3	2	3	1	33
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	338	158	364	362	203	229	126	109	159	152	158	209	2567

TABLE 12-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	100	*	0	*	*	0	*	*	100	0	*	60	50
05	50	*	20	0	*	0	0	0	100	0	*	25	30
06	0	33	40	0	50	0	0	*	100	100	*	50	35
07	17	25	44	50	50	0	*	*	0	67	*	25	33
08	29	0	44	50	0	0	50	*	0	25	0	50	25
09	0	0	20	25	0	0	0	25	0	40	0	80	20
10	0	0	20	11	33	25	0	0	0	25	0	67	19
11	11	25	38	25	20	0	0	0	20	33	0	57	24
12	50	20	14	45	13	11	0	0	0	100	0	40	24
13	10	25	20	8	0	0	100	0	0	100	0	20	14
14	0	67	46	42	20	0	0	0	50	67	33	0	33
15	0	100	63	36	20	0	0	0	0	100	20	33	31
16	20	60	67	10	33	0	0	*	0	50	50	50	33
17	43	0	40	8	25	0	50	0	33	100	0	*	26
18	25	*	0	33	0	25	0	*	0	100	100	*	24
19	20	0	17	0	0	100	0	*	0	100	100	*	30
20	25	*	0	0	100	*	*	0	*	0	0	0	13
21	25	*	0	*	100	*	100	*	*	0	100	*	36
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	20	28	35	24	23	9	16	5	21	49	26	43	26

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

TABLE 12-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	0	*	*	0	*	*	0	0	*	0	0
05	0	*	0	0	*	0	0	0	0	0	*	13	4
06	0	0	0	33	0	0	0	*	0	0	*	25	6
07	0	0	0	0	0	0	*	*	0	0	*	0	0
08	29	17	0	0	0	0	0	*	0	0	0	0	7
09	33	0	0	25	0	0	0	0	0	0	0	0	7
10	29	0	0	0	0	0	0	0	0	0	0	0	4
11	11	25	0	0	0	0	0	0	0	0	0	0	3
12	17	0	0	0	0	0	0	0	0	0	0	20	3
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	33	0	0	0	0	0	0	0	0	0	0	0	3
15	67	0	13	0	0	0	0	0	0	0	0	0	6
16	40	0	0	0	0	0	0	*	0	0	0	0	4
17	29	0	10	0	0	0	0	0	0	0	0	*	6
18	25	*	0	11	0	0	0	*	0	0	0	*	9
19	20	0	0	0	0	0	0	*	0	0	0	*	4
20	25	*	0	0	0	*	*	0	*	0	0	0	7
21	25	*	0	*	0	*	0	*	*	0	0	*	9
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	20	5	2	3	0	0	0	0	0	0	0	5	4

TABLE 12-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	0	*	*	0	0	*	0	0
05	17	*	40	0	*	0	0	0	0	0	*	13	15
06	25	0	0	0	0	0	0	*	0	0	*	50	10
07	33	25	11	0	0	0	*	*	0	0	*	0	12
08	29	17	0	0	0	0	0	*	0	0	0	0	7
09	50	25	0	0	0	0	0	0	0	0	0	0	9
10	29	0	0	0	0	0	0	0	0	0	0	0	4
11	33	25	0	0	0	0	0	0	0	0	0	0	7
12	17	20	0	0	0	0	0	0	0	0	0	20	5
13	20	0	0	0	0	0	0	0	0	0	0	0	3
14	17	0	0	0	0	0	0	0	0	0	0	0	2
15	67	0	13	0	0	0	0	0	0	0	0	0	6
16	60	0	0	0	0	0	0	*	0	0	0	0	6
17	29	0	0	0	0	0	0	0	0	0	0	*	4
18	38	*	0	11	0	0	0	*	0	0	0	*	12
19	20	0	17	0	0	0	0	*	0	0	0	*	9
20	0	*	0	0	0	*	*	0	*	0	0	0	0
21	50	*	0	*	0	*	0	*	*	0	0	*	18
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	30	12	4	1	0	0	0	0	0	0	0	7	7

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 12-8 THRU 12-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	1	0	0	1	1	0	5	9
05	6	0	5	1	0	1	1	1	2	2	0	8	27
06	4	3	5	3	4	3	1	0	2	2	0	4	31
07	6	4	9	2	2	1	0	0	2	3	0	4	33
08	7	6	9	4	4	3	2	0	2	4	1	2	44
09	6	4	5	4	3	3	1	4	4	5	1	5	45
10	7	1	5	9	3	4	2	1	4	4	1	6	47
11	9	4	7	8	5	4	1	2	5	3	3	7	58
12	6	5	7	11	8	9	2	2	6	2	3	5	66
13	10	4	10	12	3	7	1	2	2	1	2	5	59
14	6	3	13	12	5	1	3	4	6	3	3	2	61
15	3	1	8	14	5	2	3	1	3	1	5	3	49
16	5	5	9	10	6	5	1	0	1	2	2	1	47
17	7	1	9	12	4	4	2	2	3	1	1	0	46
18	8	0	2	9	2	4	3	0	3	1	1	0	33
19	5	1	6	3	1	2	1	0	1	1	2	0	23
20	4	0	1	4	1	0	0	1	0	1	1	2	15
21	4	0	2	0	1	0	1	0	0	2	1	0	11
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	104	42	112	118	57	54	25	20	47	39	27	59	704

TABLE 12-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	100	*	0	*	*	*	*	*	*	*	*	0	33
05	0	*	*	0	*	*	*	*	100	0	*	0	17
06	0	100	*	*	*	*	*	*	100	100	*	100	80
07	0	0	33	100	*	*	*	*	0	*	*	*	20
08	0	0	50	100	*	*	*	*	*	100	*	*	38
09	0	0	100	*	*	*	*	0	*	0	*	100	33
10	0	0	*	0	*	*	*	*	*	0	0	0	0
11	0	0	33	0	*	0	*	*	*	50	*	0	18
12	0	0	*	60	100	0	0	*	0	100	*	0	33
13	0	0	*	0	0	0	*	*	*	*	*	0	0
14	0	*	40	33	100	*	*	*	*	*	*	0	31
15	0	*	67	0	50	0	*	*	*	*	100	0	36
16	*	0	33	0	100	*	0	*	*	*	*	100	33
17	0	*	100	0	0	0	50	*	*	100	*	*	38
18	0	*	*	100	0	100	0	*	*	*	*	*	40
19	0	*	0	*	*	*	*	*	*	*	*	*	0
20	25	*	*	*	*	*	*	*	*	0	*	0	17
21	0	*	0	*	*	*	*	*	*	0	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	7	9	40	33	50	14	20	0	33	45	50	25	27

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

TABLE 12-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	0	*	*	*	*	*	*	*	*	0	0
05	0	*	*	0	*	*	*	*	0	0	*	0	0
06	0	0	*	*	*	*	*	*	0	0	*	0	0
07	0	0	0	0	*	*	*	*	0	*	*	*	0
08	50	0	0	0	*	*	*	*	*	0	*	*	13
09	33	0	0	*	*	*	*	0	*	0	*	0	11
10	50	0	*	0	*	*	*	*	*	0	0	0	13
11	0	100	0	0	*	0	*	*	*	0	*	0	9
12	100	0	*	0	0	0	0	*	0	0	*	50	13
13	0	0	*	0	0	0	*	*	*	*	*	0	0
14	0	*	0	0	0	*	*	*	*	*	*	0	0
15	100	*	0	0	0	0	*	*	*	*	0	0	18
16	*	0	0	0	0	*	0	*	*	*	*	0	0
17	100	*	0	0	0	0	0	*	*	0	*	*	13
18	100	*	*	0	0	0	0	*	*	*	*	*	20
19	0	*	0	*	*	*	*	*	*	*	*	*	0
20	25	*	*	*	*	*	*	*	*	0	*	0	17
21	100	*	0	*	*	*	*	*	*	0	*	*	33
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	34	9	0	0	0	0	0	0	0	0	0	6	8

TABLE 12-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	0	0
05	50	*	*	0	*	*	*	*	0	0	*	0	17
06	100	0	*	*	*	*	*	*	0	0	*	0	20
07	50	0	0	0	*	*	*	*	0	*	*	*	10
08	0	0	0	0	*	*	*	*	*	0	*	*	0
09	33	0	0	*	*	*	*	0	*	0	*	0	11
10	50	0	*	0	*	*	*	*	*	0	0	0	13
11	100	0	0	0	*	0	*	*	*	0	*	0	10
12	100	0	*	0	0	0	0	*	0	0	*	0	7
13	100	0	*	0	0	0	*	*	*	*	*	0	11
14	33	*	0	0	0	*	*	*	*	*	*	0	8
15	50	*	0	0	0	0	*	*	*	*	0	0	9
16	*	0	0	0	0	*	0	*	*	*	*	*	0
17	100	*	*	0	0	0	0	*	*	0	*	*	14
18	100	*	*	0	0	0	0	*	*	*	*	*	20
19	0	*	50	*	*	*	*	*	*	*	*	*	33
20	0	*	*	*	*	*	*	*	*	0	*	0	0
21	100	*	0	*	*	*	*	*	*	0	*	*	33
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	45	0	5	0	0	0	0	0	0	0	0	0	10

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 12-11 THRU 12-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	0	0	0	0	0	0	1	2
05	2	0	0	1	0	0	0	0	1	1	0	1	6
06	1	1	0	0	0	0	0	0	1	1	0	1	5
07	2	2	3	1	0	0	0	0	2	0	0	0	10
08	2	2	2	1	0	0	0	0	0	1	0	0	8
09	3	1	1	0	0	0	0	1	0	1	0	2	9
10	2	1	0	2	0	0	0	0	0	1	1	1	8
11	1	1	2	1	0	2	0	0	0	2	0	1	10
12	1	1	0	5	1	1	1	0	2	1	0	2	15
13	1	1	0	2	1	1	0	0	0	0	0	3	9
14	3	0	5	3	1	0	0	0	0	0	0	1	13
15	2	0	3	1	2	1	0	0	0	0	1	1	11
16	0	1	3	2	1	0	1	0	0	0	0	0	8
17	1	0	0	1	1	1	2	0	0	1	0	0	7
18	1	0	0	1	1	1	1	0	0	0	0	0	5
19	1	0	2	0	0	0	0	0	0	0	0	0	3
20	4	0	0	0	0	0	0	0	0	1	0	1	6
21	1	0	1	0	0	0	0	0	0	1	0	0	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	29	11	22	21	8	7	5	1	6	11	2	15	138

TABLE 12-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	100	*	0	*	*	*	*	*	*	*	*	*	50
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	0	*	0	*	*	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	0	*	*	*	*	*	*	*	*	*	*	0
10	0	0	*	*	*	*	*	*	*	*	*	*	0
11	*	*	*	0	*	*	*	*	*	*	*	*	0
12	*	0	*	*	*	*	0	*	*	*	*	*	0
13	*	*	*	0	*	*	*	*	*	*	*	0	0
14	0	*	100	*	*	*	*	*	*	*	*	*	50
15	*	*	100	0	0	*	*	*	*	*	*	*	33
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	100	0	*	*	*	*	*	50
19	0	*	0	*	*	*	*	*	*	*	*	*	0
20	0	*	*	*	*	*	*	*	*	0	*	0	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	17	0	40	0	0	100	0	*	*	0	*	0	17

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

TABLE 12-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	0	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	0	*	0	*	*	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	0	*	*	*	*	*	*	*	*	*	*	0
10	100	0	*	*	*	*	*	*	*	*	*	*	50
11	*	*	*	0	*	*	*	*	*	*	*	*	0
12	*	0	*	*	*	*	0	*	*	*	*	*	0
13	*	*	*	0	*	*	*	*	*	*	*	0	0
14	0	*	0	*	*	*	*	*	*	*	*	*	0
15	*	*	0	0	0	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	0	0	*	*	*	*	*	0
19	0	*	0	*	*	*	*	*	*	*	*	*	0
20	0	*	*	*	*	*	*	*	*	0	*	0	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	17	0	0	0	0	0	0	*	*	0	*	0	4

TABLE 12-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	100	*	0	*	*	*	*	*	*	*	*	*	50
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	0	*	*	*	*	*	*	*	*	*	*	0
10	100	0	*	*	*	*	*	*	*	*	*	*	50
11	*	*	*	0	*	*	*	*	*	*	*	*	0
12	*	0	*	*	*	*	0	*	*	*	*	*	0
13	*	*	*	0	*	*	*	*	*	*	*	0	0
14	0	*	0	*	*	*	*	*	*	*	*	*	0
15	*	*	0	0	0	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	0	0	*	*	*	*	*	0
19	0	*	0	*	*	*	*	*	*	*	*	*	0
20	0	*	*	*	*	*	*	*	*	0	*	0	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	33	0	0	0	0	0	0	*	*	0	*	0	9

STATION: FINTHEN AAF, FRG

WMO #: 106335

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 12-14 THRU 12-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	0	0	0	0	0	0	0	1
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	1	0	1	0	0	0	0	0	0	0	0	0	2
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	1	0	0	0	0	0	0	0	0	0	0	1
10	1	1	0	0	0	0	0	0	0	0	0	0	2
11	0	0	0	1	0	0	0	0	0	0	0	0	1
12	0	1	0	0	0	0	1	0	0	0	0	0	2
13	0	0	0	1	0	0	0	0	0	0	0	1	2
14	1	0	1	0	0	0	0	0	0	0	0	0	2
15	0	0	1	1	1	0	0	0	0	0	0	0	3
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	0	0	0	0	0	2
19	1	0	1	0	0	0	0	0	0	0	0	0	2
20	1	0	0	0	0	0	0	0	0	1	0	1	3
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	6	3	4	3	1	1	2	0	0	1	0	2	23

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

TABLE 13-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	0	0	*	*	0	0	*	*	0	0
01	20	*	*	0	0	*	*	0	6	*	*	*	7
02	30	*	*	0	0	0	0	0	3	0	*	*	5
03	30	*	0	0	0	0	0	0	5	0	0	*	5
04	25	0	6	4	1	2	1	2	1	0	0	100	2
05	12	4	5	3	3	2	0	1	3	4	6	12	4
06	13	5	6	4	2	3	1	2	3	5	7	12	5
07	10	6	8	7	3	3	2	2	3	4	8	10	5
08	11	5	9	7	5	4	3	3	4	5	9	9	6
09	13	5	10	9	7	6	6	5	5	8	10	10	8
10	12	6	11	12	7	7	7	5	10	6	10	11	9
11	14	8	15	15	8	11	6	6	10	8	11	15	11
12	13	9	16	16	10	9	9	6	9	10	13	11	11
13	14	7	15	15	12	9	7	7	9	8	10	13	11
14	12	10	15	15	10	5	7	8	11	8	9	10	10
15	11	11	14	15	8	8	7	7	5	4	9	8	9
16	10	8	12	10	9	7	5	5	5	5	8	8	8
17	9	5	12	10	8	5	3	3	3	8	5	6	6
18	14	6	10	6	0	0	2	1	1	4	6	10	5
19	14	5	7	7	1	1	1	1	1	3	7	8	5
20	9	2	7	4	0	0	2	1	1	2	8	12	4
21	13	0	14	0	0	0	0	2	0	7	12	13	6
22	7	0	0	0	0	0	0	25	0	0	0	0	1
23	9	0	0	*	0	*	*	0	3	0	0	0	3
ALL	12	7	11	10	6	5	4	4	5	6	9	11	8

TABLE 13-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	0	0	*	*	0	0	*	*	0	0
01	10	*	*	0	0	*	*	0	0	*	*	*	2
02	20	*	*	0	0	0	0	0	0	0	*	*	3
03	10	*	0	0	0	0	0	0	3	0	0	*	2
04	0	0	0	1	0	1	0	1	1	0	0	0	1
05	5	1	1	2	1	0	0	0	1	1	1	5	1
06	4	2	2	1	1	1	0	1	1	1	1	6	2
07	4	2	2	2	1	1	0	1	1	3	4	2	2
08	4	3	3	2	2	1	0	1	2	2	3	2	2
09	5	1	4	3	1	1	1	1	2	4	4	2	2
10	6	2	5	4	2	2	2	1	4	2	4	5	3
11	7	3	5	4	3	3	2	1	4	3	3	4	3
12	7	2	6	5	4	2	2	1	3	4	4	4	4
13	8	3	4	5	3	3	1	2	2	2	2	4	3
14	6	3	4	5	3	1	0	2	3	2	2	4	3
15	4	3	4	4	2	2	3	3	1	1	3	3	3
16	4	2	3	3	3	1	0	1	2	1	3	3	2
17	3	4	5	4	0	2	2	1	0	2	2	4	2
18	4	4	8	3	0	0	1	0	0	1	1	2	2
19	3	1	4	2	0	0	0	0	0	2	2	2	1
20	4	0	4	3	0	0	0	1	0	0	2	2	1
21	6	0	4	0	0	0	0	0	0	0	4	3	2
22	0	0	0	0	0	0	0	25	0	0	0	0	1
23	0	0	0	*	0	*	*	0	0	0	0	0	0
ALL	5	2	4	3	2	1	1	1	2	2	3	4	2

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

TABLE 13-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	0	0	*	*	0	0	*	*	0	0
01	10	*	*	0	0	*	*	0	0	*	*	*	2
02	10	*	*	0	0	0	0	0	0	0	*	*	1
03	0	*	0	0	0	0	0	0	0	0	0	*	0
04	0	0	0	1	0	0	0	0	0	0	0	0	0
05	2	0	0	0	0	0	0	0	0	0	0	2	0
06	1	0	1	0	0	0	0	0	0	0	0	1	0
07	1	0	0	0	0	0	0	0	0	1	1	0	0
08	1	0	1	0	0	0	0	0	0	0	1	1	0
09	1	0	1	0	0	0	0	0	0	0	1	1	0
10	2	0	1	0	0	0	0	0	0	0	1	1	0
11	1	1	1	1	0	0	0	0	1	0	1	2	1
12	2	0	2	1	1	0	0	0	1	1	0	1	1
13	2	2	1	1	0	0	0	0	0	0	0	1	1
14	1	1	1	1	0	1	0	0	1	1	0	0	1
15	1	0	1	0	0	0	0	0	0	0	0	1	0
16	1	1	1	0	0	0	0	0	0	0	0	1	0
17	1	1	1	1	0	0	0	0	0	0	1	0	0
18	1	1	3	0	0	0	0	0	0	0	0	0	0
19	1	0	1	1	0	0	0	0	0	0	0	0	0
20	3	0	1	0	0	0	0	0	0	0	0	0	0
21	2	0	0	0	0	0	0	0	0	0	2	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	*	0	*	*	0	0	0	0	0	0
ALL	1	1	1	0	0	0	0	0	0	0	1	1	0

TABLE 13-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	0	0	*	*	0	0	*	*	0	0
01	10	*	*	0	0	*	*	0	0	*	*	*	2
02	0	*	*	0	0	0	0	0	0	0	*	*	0
03	0	*	0	0	0	0	0	0	0	0	0	*	0
04	0	0	0	1	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	1	0	0	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	0	0	0	0	0	0	0	0	0
21	2	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	*	0	*	*	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 13-1 THRU 13-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	10	0	0	1	6	0	0	2	35	0	0	1	55
01	10	0	0	1	6	0	0	6	36	0	0	0	59
02	10	0	0	2	6	4	3	10	39	2	0	0	76
03	10	0	1	4	14	13	8	11	38	4	1	0	104
04	12	1	17	137	135	129	136	146	139	7	3	1	863
05	273	256	296	278	288	272	274	289	275	274	249	244	3268
06	282	262	306	292	301	301	293	310	291	285	263	265	3451
07	319	307	347	325	339	319	314	328	310	331	303	305	3847
08	320	303	347	325	333	320	318	332	308	332	304	304	3846
09	324	306	341	321	325	317	320	331	307	331	306	302	3831
10	325	299	337	321	322	311	325	331	311	329	305	307	3823
11	328	296	342	317	319	303	325	329	306	328	304	320	3817
12	320	301	336	291	303	294	298	317	297	329	305	317	3708
13	273	247	286	263	270	267	265	285	273	283	252	269	3233
14	271	249	292	262	268	264	270	291	275	276	252	267	3237
15	281	249	285	257	270	257	269	278	266	276	247	256	3191
16	269	243	286	229	234	225	232	272	262	278	244	262	3036
17	91	80	104	99	96	95	113	129	144	105	110	109	1275
18	92	78	102	101	93	95	111	126	144	102	109	100	1253
19	88	75	94	98	87	90	110	116	143	100	101	95	1197
20	75	66	81	79	72	81	99	108	113	94	84	57	1009
21	53	52	51	26	31	31	37	45	55	60	52	31	524
22	15	12	5	6	22	15	16	4	38	11	10	7	161
23	11	1	1	0	6	0	0	2	34	5	2	1	63
		3683		4035		4003		4398		4142		3820	
ALL	4062		4257		4146		4136		4439		3806		48927

TABLE 13-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	50	*	*	*	*	*	*	*	50	*	*	*	50
02	33	*	*	*	*	*	*	*	0	*	*	*	25
03	33	*	*	*	*	*	*	*	0	*	*	*	20
04	33	*	0	33	0	33	100	0	50	*	*	0	29
05	24	22	29	44	25	60	0	50	14	67	43	41	35
06	27	17	32	33	20	11	0	0	22	46	26	39	28
07	41	33	37	29	0	38	14	17	30	36	48	45	35
08	41	44	44	32	7	15	0	30	17	41	33	48	34
09	24	27	40	25	9	22	25	0	14	46	25	37	27
10	36	29	39	33	23	14	23	6	13	43	28	36	28
11	26	32	25	30	20	18	21	19	13	33	18	43	26
12	21	18	31	21	20	28	15	10	22	26	20	29	23
13	30	33	21	21	24	29	11	10	12	33	15	17	22
14	30	31	27	26	32	17	16	17	23	32	23	14	25
15	37	32	25	32	10	20	6	11	15	33	23	29	24
16	35	21	26	17	24	6	18	0	31	53	47	40	27
17	38	25	25	30	50	0	67	0	0	63	80	29	35
18	23	20	30	67	*	*	0	0	0	0	33	50	31
19	42	50	29	29	0	100	0	0	50	0	29	50	35
20	29	100	50	33	*	*	100	0	0	0	57	71	49
21	57	*	29	*	*	*	*	0	*	25	33	25	34
22	0	*	*	*	*	*	*	0	*	*	*	*	0
23	0	*	*	*	*	*	*	*	0	*	*	*	0
ALL	31	29	31	28	20	21	17	11	18	38	29	36	27

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

TABLE 13-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	50	*	*	*	*	*	*	*	0	*	*	*	25
02	67	*	*	*	*	*	*	*	0	*	*	*	50
03	33	*	*	*	*	*	*	*	0	*	*	*	20
04	33	*	0	0	0	0	0	0	0	*	*	0	5
05	24	11	21	11	0	0	0	0	0	0	7	17	13
06	22	33	11	17	0	0	0	0	0	0	0	9	11
07	22	17	15	8	0	0	0	0	0	0	8	3	9
08	15	13	6	0	0	0	0	0	0	0	7	0	5
09	20	33	3	4	0	0	0	0	0	0	6	0	6
10	21	24	3	8	0	0	0	0	0	0	3	0	5
11	22	8	6	2	0	0	0	0	0	0	6	6	5
12	19	21	4	0	0	0	0	0	0	0	5	9	5
13	16	11	0	5	0	0	0	0	0	0	8	6	4
14	18	12	0	8	0	0	0	0	0	0	9	7	5
15	17	11	5	0	0	0	0	0	0	0	9	10	5
16	19	16	15	4	0	0	0	0	0	0	11	5	7
17	25	25	17	10	0	0	0	0	0	0	20	0	9
18	31	20	10	17	*	*	0	0	0	0	17	0	14
19	17	50	29	29	0	0	0	0	0	0	14	13	19
20	29	0	0	0	*	*	0	0	0	0	0	14	8
21	43	*	14	*	*	*	*	0	*	0	0	0	14
22	0	*	*	*	*	*	*	0	*	*	*	*	0
23	0	*	*	*	*	*	*	*	0	*	*	*	0
ALL	21	17	7	5	0	0	0	0	0	0	7	6	7

TABLE 13-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	50	*	*	*	*	*	*	*	0	*	*	*	25
02	33	*	*	*	*	*	*	*	0	*	*	*	25
03	33	*	*	*	*	*	*	*	0	*	*	*	20
04	33	*	0	0	0	0	0	0	0	*	*	0	5
05	26	22	21	11	0	0	0	0	0	0	7	24	16
06	22	42	22	0	0	0	0	0	0	0	11	9	13
07	16	33	7	4	0	0	0	0	0	0	16	7	9
08	15	25	16	0	0	0	0	0	0	0	11	12	9
09	20	20	3	0	0	0	0	0	0	0	13	3	6
10	13	24	5	0	0	0	0	0	0	0	7	6	5
11	28	8	8	0	0	0	0	0	0	0	12	4	6
12	31	21	4	0	0	0	0	0	0	0	10	6	7
13	19	6	5	3	0	0	0	0	0	0	12	11	5
14	21	12	2	5	0	0	0	0	0	0	9	15	6
15	33	14	10	0	0	0	0	0	0	0	14	19	9
16	19	26	12	0	0	0	0	0	0	0	11	5	7
17	25	50	8	0	0	0	0	0	0	0	20	0	8
18	38	60	20	0	*	*	0	0	0	0	33	0	20
19	36	50	29	14	0	0	0	0	0	0	17	0	19
20	29	0	0	0	*	*	0	0	0	0	0	14	8
21	43	*	0	*	*	*	*	0	*	0	20	0	14
22	100	*	*	*	*	*	*	0	*	*	*	*	50
23	0	*	*	*	*	*	*	*	0	*	*	*	0
ALL	24	21	8	2	0	0	0	0	0	0	12	9	8

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 13-5 THRU 13-7

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	2	0	0	0	0	0	0	0	2	0	0	0	4
02	3	0	0	0	0	0	0	0	1	0	0	0	4
03	3	0	0	0	0	0	0	0	2	0	0	0	5
04	3	0	1	6	1	3	1	3	2	0	0	1	21
05	34	9	14	9	8	5	1	2	7	12	14	29	144
06	37	12	18	12	5	9	2	5	9	13	19	32	173
07	32	18	27	24	11	8	7	6	10	14	25	29	211
08	34	16	32	22	15	13	10	10	12	17	27	26	234
09	41	15	35	28	23	18	20	16	14	26	32	30	298
10	38	17	38	40	22	22	22	18	30	21	29	33	330
11	46	25	52	46	25	34	19	21	32	27	33	47	407
12	42	28	54	47	30	25	27	20	27	34	40	35	409
13	37	17	43	39	33	24	18	20	25	24	26	35	341
14	33	26	44	39	26	12	19	23	31	22	22	27	324
15	30	28	40	38	21	20	18	19	13	12	22	21	282
16	26	19	34	24	21	16	10	13	13	15	19	20	230
17	8	4	12	10	8	5	3	4	4	8	5	7	78
18	13	5	10	6	0	0	2	1	2	4	6	10	59
19	11	4	7	7	1	1	1	1	2	3	6	8	52
20	7	1	6	3	0	0	2	1	1	2	6	7	36
21	7	0	7	0	0	0	0	1	0	4	5	4	28
22	1	0	0	0	0	0	0	1	0	0	0	0	2
23	1	0	0	0	0	0	0	0	1	0	0	0	2
ALL	489	244	474	400	250	215	182	185	240	258	336	401	3674

TABLE 13-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	0	*	*	*	*	*	*	*	*	*	*	*	0
03	0	*	*	*	*	*	*	*	0	*	*	*	0
04	*	*	*	50	*	0	*	0	100	*	*	*	40
05	29	0	67	50	0	100	*	*	50	100	33	31	39
06	25	40	43	75	0	33	0	0	50	67	33	47	38
07	46	17	25	17	0	67	*	0	33	44	62	57	40
08	57	38	50	43	0	25	0	0	0	57	30	71	40
09	29	33	50	20	0	50	33	0	17	58	45	43	36
10	50	50	38	43	40	17	13	0	25	63	58	21	37
11	33	63	29	36	25	22	33	25	9	50	38	23	32
12	24	57	35	36	18	50	20	0	10	23	45	25	30
13	33	29	55	38	50	44	50	0	0	57	20	17	33
14	35	29	62	38	38	33	100	20	13	83	40	18	38
15	36	71	36	50	20	20	0	11	33	100	43	0	33
16	30	40	44	29	33	0	*	0	20	75	63	38	37
17	33	33	40	25	*	0	50	0	*	100	100	50	43
18	50	33	38	33	*	*	0	*	*	0	100	0	35
19	67	0	50	50	*	*	*	*	*	0	100	50	50
20	67	*	67	50	*	*	*	0	*	*	50	100	58
21	67	*	50	*	*	*	*	*	*	*	50	0	50
22	*	*	*	*	*	*	*	0	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	36	41	43	38	24	32	22	7	18	56	49	32	36

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

TABLE 13-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	100	*	*	*	*	*	*	*	*	*	*	*	100
02	100	*	*	*	*	*	*	*	*	*	*	*	100
03	100	*	*	*	*	*	*	*	0	*	*	*	50
04	*	*	*	0	*	0	*	0	0	*	*	*	0
05	29	50	33	0	0	0	*	*	0	0	0	38	22
06	33	20	14	25	0	0	0	0	0	0	0	6	12
07	23	17	13	17	0	0	*	0	0	0	8	0	10
08	7	13	10	0	0	0	0	0	0	0	0	0	4
09	24	33	0	0	0	0	0	0	0	0	0	0	5
10	28	33	0	0	0	0	0	0	0	0	0	0	6
11	29	13	6	0	0	0	0	0	0	0	0	8	8
12	29	29	0	0	0	0	0	0	0	0	9	8	8
13	14	29	0	0	0	0	0	0	0	0	0	8	6
14	12	14	0	0	0	0	0	0	0	0	0	0	3
15	27	14	18	0	0	0	0	0	0	0	0	14	8
16	30	60	22	14	0	0	*	0	0	0	0	0	13
17	67	33	0	25	*	0	0	0	*	0	0	0	14
18	25	33	13	33	*	*	0	*	*	0	0	0	17
19	33	100	0	50	*	*	*	*	*	0	0	0	19
20	0	*	0	0	*	*	*	0	*	*	0	0	0
21	33	*	0	*	*	*	*	*	*	*	0	0	13
22	*	*	*	*	*	*	*	0	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	25	26	6	5	0	0	0	0	0	0	2	7	9

TABLE 13-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	100	*	*	*	*	*	*	*	*	*	*	*	100
02	50	*	*	*	*	*	*	*	*	*	*	*	50
03	100	*	*	*	*	*	*	*	0	*	*	*	50
04	*	*	*	0	*	0	*	0	0	*	*	*	0
05	29	50	33	0	0	0	*	*	0	0	0	46	24
06	33	20	17	0	0	0	*	0	0	0	0	6	11
07	8	50	13	0	0	0	*	0	0	0	15	0	10
08	0	13	20	0	0	0	0	0	0	0	10	14	6
09	24	0	0	0	0	0	0	0	0	0	9	0	5
10	12	17	6	0	0	0	0	0	0	0	8	7	5
11	25	13	12	0	0	0	0	0	0	0	13	0	8
12	20	14	10	0	0	0	0	0	0	0	9	0	6
13	24	0	18	8	0	0	0	0	0	0	0	25	10
14	24	0	8	8	0	0	0	0	0	0	0	9	7
15	36	0	18	0	0	0	0	0	0	0	0	14	8
16	50	20	0	0	0	0	*	0	0	0	0	13	10
17	67	33	0	0	*	0	0	0	*	0	0	0	11
18	25	33	13	0	*	*	0	*	*	0	0	0	13
19	33	100	0	0	*	*	*	*	*	0	0	0	13
20	0	*	0	0	*	*	*	0	*	*	0	0	0
21	33	*	0	*	*	*	*	*	*	*	0	0	13
22	*	*	*	*	*	*	*	0	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	24	17	10	2	0	0	0	0	0	0	7	11	9

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 13-8 THRU 13-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	1	0	0	0	0	0	0	0	0	0	0	0	1
02	2	0	0	0	0	0	0	0	0	0	0	0	2
03	1	0	0	0	0	0	0	0	1	0	0	0	2
04	0	0	0	2	0	1	0	1	1	0	0	0	5
05	14	2	3	6	2	1	0	0	2	3	3	13	49
06	12	5	6	4	4	3	0	2	4	3	3	17	63
07	13	6	8	6	2	3	0	2	3	9	13	7	72
08	14	8	10	7	5	4	1	2	6	7	10	7	81
09	17	3	12	10	3	4	3	3	6	12	11	7	91
10	17	6	16	14	5	6	8	4	12	8	12	14	122
11	24	8	17	14	8	9	6	4	11	10	8	13	132
12	20	7	20	14	11	6	5	2	10	13	11	12	131
13	21	6	11	13	8	9	2	7	6	7	5	12	107
14	17	7	13	13	8	3	1	5	8	6	5	11	97
15	11	7	11	10	5	5	7	9	3	3	7	7	85
16	10	5	9	7	6	3	0	2	5	4	8	8	67
17	3	3	5	4	0	2	2	1	0	2	2	4	28
18	4	3	8	3	0	0	1	0	0	1	1	2	23
19	3	1	4	2	0	0	0	0	0	2	2	2	16
20	3	0	3	2	0	0	0	1	0	0	2	1	12
21	3	0	2	0	0	0	0	0	0	0	2	1	8
22	0	0	0	0	0	0	0	1	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	210	77	158	131	67	59	36	46	78	90	105	138	1195

TABLE 13-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	0	*	*	*	*	*	*	*	*	*	*	*	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	*	*	*	*	*	*	*	0
05	40	0	*	*	*	*	*	*	*	*	0	40	33
06	50	0	0	*	0	0	*	*	*	*	0	67	27
07	33	*	*	*	*	*	*	*	*	50	100	*	57
08	75	100	67	*	*	*	*	0	0	100	67	100	69
09	25	*	67	0	*	100	*	*	0	100	67	33	47
10	60	100	67	0	*	0	0	*	0	*	100	0	50
11	33	67	20	67	0	*	100	*	0	100	67	0	34
12	43	0	50	75	50	*	0	*	0	67	*	0	43
13	17	25	25	67	0	0	*	0	*	*	100	50	30
14	50	100	75	50	0	50	*	0	0	100	100	0	55
15	25	100	50	100	*	*	0	0	*	100	*	0	38
16	0	50	67	*	*	0	*	*	*	100	100	50	46
17	100	0	0	100	*	*	*	*	*	*	100	*	60
18	100	0	33	*	*	*	*	*	*	*	*	*	40
19	100	*	100	100	*	*	*	*	*	*	*	*	100
20	100	*	0	*	*	*	*	*	*	*	*	*	67
21	100	*	*	*	*	*	*	*	*	*	0	*	50
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	43	47	46	61	17	29	25	0	0	83	71	30	44

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

TABLE 13-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	100	*	*	*	*	*	*	*	*	*	*	*	100
02	100	*	*	*	*	*	*	*	*	*	*	*	100
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	*	*	*	*	*	*	*	0
05	20	0	*	*	*	*	*	*	*	*	0	60	33
06	0	100	0	*	0	0	*	*	*	*	0	33	18
07	33	*	*	*	*	*	*	*	*	0	0	*	14
08	0	0	0	*	*	*	*	0	0	0	0	0	0
09	25	*	0	0	*	0	*	*	0	0	0	0	6
10	40	0	0	0	*	0	0	*	0	*	0	0	11
11	33	0	20	0	0	*	0	*	0	0	0	0	7
12	29	100	0	0	0	*	0	*	0	0	*	50	14
13	33	50	0	0	0	0	*	0	*	*	0	0	17
14	0	0	0	0	0	0	*	0	0	0	0	0	0
15	50	0	50	0	*	*	0	0	*	0	*	0	23
16	33	50	33	*	*	0	*	*	*	0	0	0	23
17	0	100	0	0	*	*	*	*	*	*	0	*	20
18	0	100	0	*	*	*	*	*	*	*	*	*	20
19	0	*	0	0	*	*	*	*	*	*	*	*	0
20	0	*	0	*	*	*	*	*	*	*	*	*	0
21	0	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	26	37	7	0	0	0	0	0	0	0	0	17	13

TABLE 13-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	100	*	*	*	*	*	*	*	*	*	*	*	100
02	100	*	*	*	*	*	*	*	*	*	*	*	100
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	*	*	*	*	*	*	*	0
05	40	0	*	*	*	*	*	*	*	*	0	60	42
06	50	100	0	*	0	0	*	*	*	*	0	33	30
07	0	*	*	*	*	*	*	*	*	0	0	*	0
08	0	0	33	*	*	*	*	0	0	0	0	0	6
09	25	*	0	0	*	0	*	*	0	0	0	0	6
10	0	0	0	0	*	0	0	*	0	*	0	0	0
11	0	0	20	0	0	*	0	*	0	0	33	0	7
12	14	0	17	0	0	*	0	*	0	0	*	0	7
13	33	0	25	0	0	0	*	0	*	*	0	0	14
14	50	0	25	0	0	0	*	0	0	0	0	0	14
15	50	0	50	0	*	*	0	0	*	0	*	0	23
16	33	0	0	*	*	0	*	*	*	0	0	0	8
17	0	0	0	0	*	*	*	*	*	*	0	*	0
18	0	0	0	*	*	*	*	*	*	*	*	*	0
19	0	*	0	0	*	*	*	*	*	*	*	*	0
20	0	*	0	*	*	*	*	*	*	*	*	*	0
21	0	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	24	6	15	0	0	0	0	0	0	0	5	13	11

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 13-11 THRU 13-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	1	0	0	0	0	0	0	0	0	0	0	0	1
02	1	0	0	0	0	0	0	0	0	0	0	0	1
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	1	0	0	0	0	0	0	0	0	1
05	5	1	0	0	0	0	0	0	0	0	1	5	12
06	2	1	1	0	1	1	0	0	0	0	1	3	10
07	3	0	0	0	0	0	0	0	0	2	2	0	7
08	4	1	3	0	0	0	0	1	1	1	3	2	16
09	4	0	3	1	0	1	0	0	1	1	3	3	17
10	5	1	3	1	0	1	1	0	1	0	3	2	18
11	3	3	5	3	1	0	1	0	3	1	3	6	29
12	7	1	6	4	2	0	1	0	2	3	0	2	28
13	6	3	4	3	1	1	0	1	0	0	1	2	22
14	4	2	4	2	1	2	0	1	2	2	1	1	22
15	4	1	2	1	0	0	1	1	0	1	0	2	13
16	3	2	3	0	0	1	0	0	0	1	1	2	13
17	1	1	1	1	0	0	0	0	0	0	1	0	5
18	1	1	3	0	0	0	0	0	0	0	0	0	5
19	1	0	1	1	0	0	0	0	0	0	0	0	3
20	2	0	1	0	0	0	0	0	0	0	0	0	3
21	1	0	0	0	0	0	0	0	0	0	1	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	58	18	40	18	6	7	4	4	10	12	21	30	228

TABLE 13-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	*	*	*	*	*	*	*	0
05	100	*	*	*	*	*	*	*	*	*	*	*	100
06	0	*	0	*	0	*	*	*	*	*	*	*	0
07	0	*	*	*	*	*	*	*	*	0	100	*	33
08	0	*	0	*	*	*	*	*	*	*	*	*	0
09	0	*	0	0	*	*	*	*	*	*	*	*	0
10	*	*	*	*	*	0	0	*	*	*	*	0	0
11	0	100	*	*	*	*	*	*	0	100	*	*	50
12	0	*	100	100	*	*	*	*	*	*	*	*	60
13	0	*	100	*	*	*	*	*	*	*	*	*	50
14	67	*	*	*	0	0	*	*	*	*	*	*	40
15	*	100	*	*	*	*	*	*	*	*	*	*	100
16	0	*	0	*	*	*	*	*	*	100	*	100	50
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	0	*	*	*	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	100	*	*	*	*	*	*	*	*	*	*	*	100
21	100	*	*	*	*	*	*	*	*	*	*	*	100
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	31	67	33	50	0	0	0	*	0	67	100	50	37

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

TABLE 13-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	100	*	*	*	*	*	*	*	*	*	*	*	100
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	*	*	*	*	*	*	*	0
05	0	*	*	*	*	*	*	*	*	*	*	*	0
06	0	*	0	*	0	*	*	*	*	*	*	*	0
07	0	*	*	*	*	*	*	*	*	0	0	*	0
08	0	*	0	*	*	*	*	*	*	*	*	*	0
09	100	*	0	0	*	*	*	*	*	*	*	*	33
10	*	*	*	*	*	0	0	*	*	*	*	0	0
11	0	0	*	*	*	*	*	*	0	0	*	*	0
12	50	*	0	0	*	*	*	*	*	*	*	*	20
13	100	*	0	*	*	*	*	*	*	*	*	*	50
14	0	*	*	*	0	0	*	*	*	*	*	*	0
15	*	0	*	*	*	*	*	*	*	*	*	*	0
16	100	*	100	*	*	*	*	*	*	0	*	0	50
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18		100	*	*	*	*	*	*	*	*	*	*	100
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	0	*	*	*	*	*	*	*	*	*	*	*	0
21	0	*	*	*	*	*	*	*	*	*	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	31	33	17	0	0	0	0	*	0	0	0	0	17

TABLE 13-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	100	*	*	*	*	*	*	*	*	*	*	*	100
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	*	*	*	*	*	*	*	0
05	0	*	*	*	*	*	*	*	*	*	*	*	0
06	0	*	*	*	0	*	*	*	*	*	*	*	0
07	0	*	*	*	*	*	*	*	*	0	0	*	0
08	0	*	100	*	*	*	*	*	*	*	*	*	50
09	0	*	0	0	*	*	*	*	*	*	*	*	0
10	*	*	*	*	*	0	0	*	*	*	*	0	0
11	0	0	*	*	*	*	*	*	0	0	*	*	0
12	0	*	0	0	*	*	*	*	*	*	*	*	0
13	0	*	0	*	*	*	*	*	*	*	*	*	0
14	33	*	*	*	0	0	*	*	*	*	*	*	20
15	*	0	*	*	*	*	*	*	*	*	*	*	0
16	0	*	0	*	*	*	*	*	*	0	*	0	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	0	*	*	*	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	0	*	*	*	*	*	*	*	*	*	*	*	0
21	0	*	*	*	*	*	*	*	*	*	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	13	0	20	0	0	0	0	*	0	0	0	0	8

STATION: FULDA AAF, FRG

WMO #: 105445

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 13-14 THRU 13-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	1	0	0	0	0	0	0	0	0	0	0	0	1
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	1	0	0	0	0	0	0	0	0	1
05	1	0	0	0	0	0	0	0	0	0	0	0	1
06	1	0	0	0	1	0	0	0	0	0	0	0	2
07	1	0	0	0	0	0	0	0	0	1	1	0	3
08	1	0	1	0	0	0	0	0	0	0	0	0	2
09	1	0	1	1	0	0	0	0	0	0	0	0	3
10	0	0	0	0	0	1	1	0	0	0	0	1	3
11	1	1	0	0	0	0	0	0	1	1	0	0	4
12	2	0	1	2	0	0	0	0	0	0	0	0	5
13	1	0	1	0	0	0	0	0	0	0	0	0	2
14	3	0	0	0	1	1	0	0	0	0	0	0	5
15	0	1	0	0	0	0	0	0	0	0	0	0	1
16	1	0	1	0	0	0	0	0	0	1	0	1	4
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	0	0	0	0	0	0	0	0	1
21	1	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	16	3	5	4	2	2	1	0	1	3	1	2	40

STATION: GIEBELSTADT AAF, FRG WMO #: 106595 RUNWAY HEADING: 080-260

TABLE 14-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	*	*	*	*	*	*	*	0	0	0
01	*	*	0	*	*	*	*	*	*	*	0	0	0
02	*	*	0	*	0	0	*	*	*	*	0	0	0
03	*	*	0	0	0	0	*	0	0	0	0	0	0
04	0	*	0	2	0	1	0	1	1	0	0	0	1
05	2	2	2	2	0	0	0	0	0	0	1	0	1
06	4	1	3	1	0	2	0	0	0	0	1	0	1
07	5	0	1	1	1	1	0	0	0	0	1	3	1
08	8	2	4	1	0	2	0	1	0	1	2	2	2
09	5	3	4	2	2	2	0	0	0	1	0	3	2
10	4	3	6	2	1	3	1	0	3	2	0	3	2
11	5	5	6	2	0	1	1	2	2	2	3	3	3
12	6	3	5	5	0	3	0	0	3	2	1	3	3
13	3	4	4	7	1	2	4	2	0	2	2	1	3
14	5	3	4	4	1	2	2	3	2	2	1	2	3
15	2	3	4	8	0	3	3	0	2	2	1	1	2
16	2	4	4	9	3	3	0	1	1	0	1	1	2
17	5	6	4	7	1	4	0	2	0	1	1	0	3
18	5	3	3	3	2	2	2	0	0	2	1	0	2
19	2	4	1	4	0	0	0	0	0	2	1	0	1
20	3	1	1	7	0	2	0	0	0	0	2	0	1
21	4	0	2	3	0	0	2	0	0	0	4	0	1
22	*	*	0	4	0	0	4	0	0	0	14	0	2
23	*	*	0	*	*	*	*	*	*	*	9	0	4
ALL	4	3	4	4	1	2	1	1	1	1	1	1	2

TABLE 14-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	*	*	*	*	*	*	*	0	0	0
01	*	*	0	*	*	*	*	*	*	*	0	0	0
02	*	*	0	*	0	0	*	*	*	*	0	0	0
03	*	*	0	0	0	0	*	0	0	0	0	0	0
04	0	*	0	0	0	0	0	0	0	0	0	0	0
05	0	1	0	0	0	0	0	0	0	0	1	0	0
06	2	0	1	0	0	0	0	0	0	0	1	0	0
07	2	0	1	0	0	0	0	0	0	0	0	0	0
08	2	0	2	1	0	0	0	0	0	0	0	0	0
09	1	1	1	1	0	0	0	0	0	0	0	1	0
10	2	2	2	0	0	1	0	0	0	0	0	1	1
11	3	1	3	0	0	0	0	1	0	1	0	1	1
12	1	2	1	2	0	0	0	0	0	1	0	0	0
13	2	1	1	2	0	0	2	0	0	0	1	0	1
14	2	3	0	1	0	0	0	1	0	0	1	0	1
15	1	2	1	1	0	0	0	0	0	0	0	0	0
16	1	2	1	3	2	0	0	0	0	0	1	0	1
17	1	1	1	1	0	1	0	0	0	0	1	0	1
18	1	1	1	1	1	2	0	0	0	0	0	0	1
19	1	1	0	1	0	0	0	0	0	0	0	0	0
20	1	1	0	1	0	0	0	0	0	0	1	0	0
21	2	0	0	3	0	0	0	0	0	0	2	0	1
22	*	*	0	4	0	0	4	0	0	0	0	0	1
23	*	*	0	*	*	*	*	*	*	*	0	0	0
ALL	1	1	1	1	0	0	0	0	0	0	0	0	0

STATION: GIEBELSTADT AAF, FRG WMO #: 106595 RUNWAY HEADING: 080-260

TABLE 14-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	*	*	*	*	*	*	*	0	0	0
01	*	*	0	*	*	*	*	*	*	*	0	0	0
02	*	*	0	*	0	0	*	*	*	*	0	0	0
03	*	*	0	0	0	0	*	0	0	0	0	0	0
04	0	*	0	0	0	0	0	0	0	0	0	0	0
05	0	1	0	0	0	0	0	0	0	0	1	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	1	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	0	0	1	0	0	0	0	0	0	0
11	1	0	1	0	0	0	0	0	0	0	0	0	0
12	0	1	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	2	1	1	0	0	0	0	0	0	0	0	0
17	0	0	1	0	0	0	0	0	0	0	0	0	0
18	0	0	1	0	0	0	0	0	0	0	0	0	0
19	0	1	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	*	*	0	0	0	0	0	0	0	0	0	0	0
23	*	*	0	*	*	*	*	*	*	*	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 14-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	*	*	*	*	*	*	*	0	0	0
01	*	*	0	*	*	*	*	*	*	*	0	0	0
02	*	*	0	*	0	0	*	*	*	*	0	0	0
03	*	*	0	0	0	0	*	0	0	0	0	0	0
04	0	*	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	*	*	0	0	0	0	0	0	0	0	0	0	0
23	*	*	0	*	*	*	*	*	*	*	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: GIEBELSTADT AAF, FRG WMO #: 106595 RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 14-1 THRU 14-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	3	0	0	0	0	0	0	0	8	6	18
01	0	0	3	0	0	0	0	0	0	0	8	7	18
02	0	0	3	0	1	1	0	0	0	0	9	7	21
03	0	0	3	1	1	2	0	2	1	1	9	6	26
04	1	0	14	92	83	106	102	107	87	2	10	8	612
05	101	92	110	130	123	126	105	108	102	105	89	95	1286
06	127	115	133	131	127	130	105	109	102	118	109	119	1425
07	130	116	138	130	128	131	106	109	102	127	110	120	1447
08	130	116	139	130	128	131	106	110	102	127	111	121	1451
09	129	116	139	130	128	129	105	108	106	127	111	120	1448
10	129	116	139	129	128	129	104	108	106	127	111	120	1446
11	130	116	138	129	127	128	106	109	104	126	109	121	1443
12	130	116	138	129	125	127	107	109	104	126	110	121	1442
13	130	116	138	129	125	128	107	108	104	127	110	121	1443
14	129	116	137	129	125	128	107	109	105	126	109	118	1438
15	127	116	136	129	119	126	105	109	105	126	109	117	1424
16	126	115	134	103	108	118	89	101	100	118	106	102	1320
17	106	99	113	95	102	112	83	91	93	109	102	67	1172
18	101	97	109	95	90	112	83	91	93	108	95	67	1141
19	97	94	105	91	86	112	83	89	92	106	95	66	1116
20	94	91	96	67	65	87	69	64	54	105	95	64	951
21	47	41	61	36	47	54	56	54	26	63	53	36	574
22	0	0	6	23	32	28	27	28	16	19	14	8	201
23	0	0	4	0	0	0	0	0	0	0	11	8	23
ALL	1965	1788	2139	2028	1998	2145	1755	1823	1704	1993	1803	1745	22886

TABLE 14-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	100	*	0	*	100	0	*	*	*	60
05	0	50	50	50	*	*	*	*	*	*	0	*	33
06	0	0	25	0	*	0	*	*	*	*	0	*	7
07	14	*	50	0	0	0	*	*	*	*	0	33	19
08	10	0	40	0	*	50	*	0	*	100	0	0	19
09	17	0	50	0	50	50	*	*	*	100	*	67	33
10	40	25	11	0	0	25	0	*	33	33	*	67	25
11	17	17	13	67	*	0	0	0	100	33	0	0	21
12	25	25	29	14	*	0	*	*	0	50	0	0	18
13	25	20	17	33	0	50	0	0	*	0	0	0	18
14	17	25	20	20	0	67	0	33	0	50	0	50	25
15	0	33	17	10	*	0	0	*	0	100	0	100	18
16	0	60	0	22	100	25	*	0	100	*	100	0	34
17	20	33	25	43	0	25	*	50	*	100	100	*	35
18	0	67	100	0	50	50	0	*	*	100	100	*	43
19	50	50	100	0	*	*	*	*	*	100	100	*	50
20	33	0	100	0	*	0	*	*	*	*	100	*	29
21	50	*	0	0	*	*	100	*	*	*	50	*	43
22	*	*	*	0	*	*	0	*	*	*	50	*	25
23	*	*	*	*	*	*	*	*	*	*	100	*	100
ALL	18	30	28	21	42	24	7	25	29	62	38	28	26

STATION: GIEBELSTADT AAF, FRG WMO #: 106595 RUNWAY HEADING: 080-260

TABLE 14-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	0	*	0	0	*	*	*	0
05	0	0	50	50	*	*	*	*	*	*	0	*	22
06	60	100	25	0	*	0	*	*	*	*	0	*	36
07	14	*	0	0	0	0	*	*	*	*	0	33	13
08	20	50	0	0	*	0	*	0	*	0	0	33	15
09	0	50	17	33	0	0	*	*	*	0	*	0	15
10	20	25	11	33	0	0	0	*	0	0	*	0	11
11	17	17	25	0	*	0	0	0	0	0	33	0	13
12	25	0	29	0	*	0	*	*	0	0	0	0	10
13	0	20	17	11	0	0	0	0	*	0	0	0	8
14	33	25	0	20	0	0	0	0	0	0	0	0	11
15	50	0	17	10	*	0	0	*	0	0	0	0	9
16	50	0	20	22	0	0	*	0	0	*	0	0	13
17	40	17	0	14	0	0	*	0	*	0	0	*	13
18	20	0	0	33	0	0	0	*	*	0	0	*	9
19	0	25	0	25	*	*	*	*	*	0	0	*	14
20	33	0	0	20	*	0	*	*	*	*	0	*	14
21	50	*	0	0	*	*	0	*	*	*	0	*	14
22	*	*	*	0	*	*	0	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	24	19	15	16	0	0	0	0	0	0	4	8	12

TABLE 14-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	0	*	0	*	0	0	*	*	*	0
05	0	0	50	50	*	*	*	*	*	*	0	*	22
06	0	100	25	0	*	0	*	*	*	*	0	*	14
07	0	*	0	0	0	0	*	*	*	*	100	0	6
08	10	0	0	0	*	0	*	0	*	0	0	33	7
09	17	0	17	33	0	0	*	*	*	0	*	0	11
10	0	0	11	0	0	0	0	*	0	0	*	0	3
11	17	0	13	0	*	0	0	0	0	0	33	25	10
12	25	0	14	0	*	0	*	*	0	0	0	25	10
13	25	20	17	0	0	0	0	0	*	0	0	0	8
14	50	0	0	0	0	0	0	0	0	0	0	0	8
15	50	0	0	0	*	0	0	*	0	0	0	0	3
16	100	0	0	0	0	0	*	0	0	*	0	100	9
17	20	17	0	0	0	0	*	0	*	0	0	*	6
18	20	33	0	0	0	0	0	*	*	0	0	*	9
19	0	25	0	0	*	*	*	*	*	0	0	*	7
20	33	0	0	0	*	0	*	*	*	*	0	*	7
21	50	*	0	0	*	*	0	*	*	*	50	*	29
22	*	*	*	0	*	*	0	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	20	9	9	3	0	0	0	0	0	0	13	16	8

STATION: GIEBELSTADT AAF, FRG

WMO #: 106595

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 14-5 THRU 14-7

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	2	0	1	0	1	1	0	0	0	5
05	2	2	2	2	0	0	0	0	0	0	1	0	9
06	5	1	4	1	0	2	0	0	0	0	1	0	14
07	7	0	2	1	1	1	0	0	0	0	1	3	16
08	10	2	5	1	0	2	0	1	0	1	2	3	27
09	6	4	6	3	2	2	0	0	0	1	0	3	27
10	5	4	9	3	1	4	1	0	3	3	0	3	36
11	6	6	8	3	0	1	1	2	2	3	3	4	39
12	8	4	7	7	0	4	0	0	3	2	1	4	40
13	4	5	6	9	1	2	4	2	0	2	2	1	38
14	6	4	5	5	1	3	2	3	2	2	1	2	36
15	2	3	6	10	0	4	3	0	2	2	1	1	34
16	2	5	5	9	3	4	0	1	1	0	1	1	32
17	5	6	4	7	1	4	0	2	0	1	1	0	31
18	5	3	3	3	2	2	2	0	0	2	1	0	23
19	2	4	1	4	0	0	0	0	0	2	1	0	14
20	3	1	1	5	0	2	0	0	0	0	2	0	14
21	2	0	1	1	0	0	1	0	0	0	2	0	7
22	0	0	0	1	0	0	1	0	0	0	2	0	4
23	0	0	0	0	0	0	0	0	0	0	1	0	1
ALL	80	54	75	77	12	38	15	12	14	21	24	25	447

TABLE 14-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	100	*	*	*	*	*	*	*	*	0	*	50
06	0	*	0	*	*	*	*	*	*	*	0	*	0
07	0	*	50	*	*	*	*	*	*	*	*	*	25
08	50	*	33	0	*	*	*	*	*	*	*	*	33
09	0	0	50	0	*	*	*	*	*	*	*	100	33
10	50	50	33	*	*	100	*	*	*	*	*	100	56
11	0	0	25	*	*	*	*	0	*	0	*	0	8
12	100	0	100	0	*	*	*	*	*	0	*	*	29
13	50	0	0	50	*	*	0	*	*	*	0	*	20
14	33	33	*	0	*	*	*	0	*	*	0	*	22
15	0	0	50	0	*	*	*	*	*	*	*	*	17
16	0	50	0	67	100	*	*	*	*	*	100	*	55
17	0	100	0	100	*	0	*	*	*	*	100	*	50
18	0	100	100	0	100	50	*	*	*	*	*	*	57
19	100	100	*	0	*	*	*	*	*	*	*	*	67
20	100	0	*	0	*	*	*	*	*	*	100	*	50
21	100	*	*	0	*	*	*	*	*	*	100	*	67
22	*	*	*	0	*	*	0	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	31	37	33	24	100	50	0	0	*	0	50	67	34

STATION: GIEBELSTADT AAF, FRG

WMO #: 106595

RUNWAY HEADING: 080-260

TABLE 14-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	0	*	*	*	*	*	*	*	*	0	*	0
06	100	*	0	*	*	*	*	*	*	*	0	*	50
07	0	*	0	*	*	*	*	*	*	*	*	*	0
08	0	*	0	0	*	*	*	*	*	*	*	*	0
09	0	100	50	0	*	*	*	*	*	*	*	0	33
10	0	0	33	*	*	0	*	*	*	*	*	0	11
11	0	0	25	*	*	*	*	0	*	0	*	0	8
12	0	0	0	0	*	*	*	*	*	0	*	*	0
13	0	0	50	0	*	*	0	*	*	*	0	*	10
14	0	33	*	0	*	*	*	0	*	*	0	*	11
15	0	0	50	0	*	*	*	*	*	*	*	*	17
16	0	0	50	33	0	*	*	*	*	*	0	*	18
17	100	0	0	0	*	0	*	*	*	*	0	*	17
18	0	0	0	100	0	0	*	*	*	*	*	*	14
19	0	0	*	0	*	*	*	*	*	*	*	*	0
20	0	0	*	0	*	*	*	*	*	*	0	*	0
21	0	*	*	0	*	*	*	*	*	*	0	*	0
22	*	*	*	0	*	*	0	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	12	11	25	12	0	0	0	0	*	0	0	0	12

TABLE 14-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	0	*	*	*	*	*	*	*	*	0	*	0
06	0	*	0	*	*	*	*	*	*	*	0	*	0
07	0	*	0	*	*	*	*	*	*	*	*	*	0
08	0	*	0	0	*	*	*	*	*	*	*	*	0
09	0	0	50	0	*	*	*	*	*	*	*	0	17
10	0	0	33	*	*	0	*	*	*	*	*	0	11
11	25	0	25	*	*	*	*	0	*	0	*	0	17
12	0	0	0	0	*	*	*	*	*	0	*	*	0
13	0	0	50	0	*	*	0	*	*	*	0	*	10
14	33	0	*	0	*	*	*	0	*	*	0	*	11
15	0	0	0	0	*	*	*	*	*	*	*	*	0
16	100	0	0	0	0	*	*	*	*	*	0	*	9
17	0	0	0	0	*	0	*	*	*	*	0	*	0
18	0	0	0	0	0	0	*	*	*	*	*	*	0
19	0	0	*	0	*	*	*	*	*	*	*	*	0
20	0	0	*	0	*	*	*	*	*	*	0	*	0
21	0	*	*	0	*	*	*	*	*	*	0	*	0
22	*	*	*	0	*	*	0	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	12	0	17	0	0	0	0	0	*	0	0	0	6

STATION: GIEBELSTADT AAF, FRG WMO #: 106595 RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 14-8 THRU 14-10

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	1	0	0	0	0	0	0	0	0	1	0	2
06	2	0	1	0	0	0	0	0	0	0	1	0	4
07	2	0	2	0	0	0	0	0	0	0	0	0	4
08	2	0	3	1	0	0	0	0	0	0	0	0	6
09	1	1	2	1	0	0	0	0	0	0	0	1	6
10	2	2	3	0	0	1	0	0	0	0	0	1	9
11	4	1	4	0	0	0	0	1	0	1	0	1	12
12	1	2	1	2	0	0	0	0	0	1	0	0	7
13	2	1	2	2	0	0	2	0	0	0	1	0	10
14	3	3	0	1	0	0	0	1	0	0	1	0	9
15	1	2	2	1	0	0	0	0	0	0	0	0	6
16	1	2	2	3	2	0	0	0	0	0	1	0	11
17	1	1	1	1	0	1	0	0	0	0	1	0	6
18	1	1	1	1	1	2	0	0	0	0	0	0	7
19	1	1	0	1	0	0	0	0	0	0	0	0	3
20	1	1	0	1	0	0	0	0	0	0	1	0	4
21	1	0	0	1	0	0	0	0	0	0	1	0	3
22	0	0	0	1	0	0	1	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	26	19	24	17	3	4	3	2	0	2	8	3	111

TABLE 2-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	100	*	*	*	*	*	*	*	*	0	*	50
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	0	*	*	*	*	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	0	*	*	*	100	*	*	*	*	*	*	50
11	0	*	50	*	*	*	*	*	*	*	*	*	33
12	*	0	*	*	*	*	*	*	*	*	*	*	0
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	50	0	0	*	*	*	*	*	*	*	*	25
17	*	*	0	*	*	*	*	*	*	*	*	*	0
18	*	*	100	*	*	*	*	*	*	*	*	*	100
19	*	100	*	*	*	*	*	*	*	*	*	*	100
20	*	*	*	*	*	*	*	*	*	*	100	*	100
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	50	40	0	*	100	*	*	*	*	50	*	39

STATION: GIEBELSTADT AAF, FRG

WMO #: 106595

RUNWAY HEADING: 080-260

TABLE 14-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	0	*	*	*	*	*	*	*	*	0	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	0	*	*	*	*	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	0	*	*	*	0	*	*	*	*	*	*	0
11	0	*	50	*	*	*	*	*	*	*	*	*	33
12	*	0	*	*	*	*	*	*	*	*	*	*	0
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	0	0	100	*	*	*	*	*	*	*	*	25
17	*	*	0	*	*	*	*	*	*	*	*	*	0
18	*	*	0	*	*	*	*	*	*	*	*	*	0
19	*	0	*	*	*	*	*	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	20	100	*	0	*	*	*	*	0	*	11

TABLE 14-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	0	*	*	*	*	*	*	*	*	0	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	0	*	*	*	*	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	0	*	*	*	0	*	*	*	*	*	*	0
11	0	*	50	*	*	*	*	*	*	*	*	*	33
12	*	0	*	*	*	*	*	*	*	*	*	*	0
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	0	0	0	*	*	*	*	*	*	*	*	0
17	*	*	0	*	*	*	*	*	*	*	*	*	0
18	*	*	0	*	*	*	*	*	*	*	*	*	0
19	*	0	*	*	*	*	*	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	20	0	*	0	*	*	*	*	0	*	6

STATION: GIEBELSTADT AAF, FRG WMO #: 106595 RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 14-11 THRU 14-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	1	0	0	0	0	0	0	0	0	1	0	2
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	1	0	0	0	0	0	0	0	0	0	0	0	1
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	0	0	1	0	0	0	0	0	0	2
11	1	0	2	0	0	0	0	0	0	0	0	0	3
12	0	1	0	0	0	0	0	0	0	0	0	0	1
13	1	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	2	1	1	0	0	0	0	0	0	0	0	4
17	0	0	1	0	0	0	0	0	0	0	0	0	1
18	0	0	1	0	0	0	0	0	0	0	0	0	1
19	0	1	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	1	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	3	6	5	1	0	1	0	0	0	0	2	0	18

TABLE 14-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	100	*	100
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	*	*	*	*	*	*	*	*	*	100	*	50

STATION: GIEBELSTADT AAF, FRG WMO #: 106595 RUNWAY HEADING: 080-260

TABLE 14-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	*	*	*	*	*	*	*	*	*	0	*	0

TABLE 14-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	*	*	*	*	*	*	*	*	*	0	*	0

STATION: GIEBELSTADT AAF, FRG WMO #: 106595 RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 14-14 THRU 14-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	0	0	0	0	0	0	0	0	0	1	0	2

STATION: GRAFENWOEHR AAF, FRG

WMO #: 106870

RUNWAY HEADING: 140-320

TABLE 15-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	3	1	1	0	0	0	0	0	1	3	3	1
01	3	3	1	1	0	0	1	0	0	1	4	5	2
02	3	2	2	0	0	0	0	0	0	1	2	4	1
03	4	2	1	1	0	0	0	0	0	1	3	3	1
04	4	2	2	2	0	0	0	0	0	1	3	3	1
05	5	1	1	1	0	0	0	0	1	2	4	3	2
06	4	2	2	2	1	1	0	0	1	1	2	4	2
07	4	2	4	3	1	2	1	0	0	1	2	4	2
08	5	2	2	3	2	2	2	2	0	2	3	4	2
09	4	3	3	5	2	2	2	2	2	2	2	4	3
10	4	3	6	5	3	2	4	3	4	3	4	4	4
11	6	4	6	5	3	3	5	4	2	3	4	5	4
12	6	5	6	6	7	5	2	3	5	2	3	6	5
13	5	3	5	5	3	3	4	3	4	4	3	6	4
14	5	4	4	6	4	3	3	3	4	1	2	6	4
15	5	3	4	4	4	4	3	2	3	2	1	4	3
16	4	1	3	4	2	3	3	1	1	2	3	5	3
17	3	2	2	2	2	2	1	1	0	1	3	4	2
18	4	1	2	1	1	0	1	0	1	1	3	3	2
19	4	1	2	1	1	1	0	0	0	1	3	5	2
20	4	1	1	0	0	1	0	0	0	1	4	4	1
21	3	2	2	0	1	0	0	0	0	2	3	5	2
22	3	2	1	1	0	0	0	0	0	1	2	4	1
23	2	2	2	2	0	0	1	0	0	1	3	6	1
ALL	4	2	3	3	2	1	1	1	1	2	3	4	2

TABLE 15-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	1	0	0	0	0	0	0	0	1	1	0
01	1	1	0	0	0	0	0	0	0	0	1	0	0
02	1	1	0	0	0	0	0	0	0	1	1	2	0
03	2	0	0	0	0	0	0	0	0	0	0	1	0
04	2	0	1	0	0	0	0	0	0	0	1	1	0
05	2	1	0	0	0	0	0	0	0	0	1	1	0
06	2	0	1	0	0	0	0	0	0	0	1	0	0
07	2	1	0	1	0	0	0	0	0	0	1	0	0
08	2	1	0	1	0	0	0	0	0	0	1	2	1
09	1	1	1	0	0	0	0	0	0	0	0	1	1
10	2	1	1	1	0	0	0	0	0	1	1	2	1
11	2	1	1	1	0	0	0	0	0	0	1	2	1
12	2	1	1	1	1	1	0	0	1	0	0	3	1
13	2	0	2	2	0	0	1	1	1	1	1	2	1
14	1	1	1	0	0	0	0	1	1	0	0	1	1
15	1	1	0	1	0	1	0	0	0	0	0	2	1
16	1	1	1	1	0	0	0	0	0	0	0	2	1
17	1	1	1	1	0	0	0	0	0	0	0	1	0
18	1	0	1	0	0	0	0	0	0	0	1	1	0
19	1	1	0	1	0	0	0	0	0	0	1	1	0
20	1	0	0	0	0	0	0	0	0	0	1	1	0
21	1	1	1	0	1	0	0	0	0	0	1	1	0
22	0	1	1	0	0	0	0	0	0	0	0	1	0
23	0	1	0	0	0	0	0	0	0	0	1	2	0
ALL	1	1	1	1	0	0	0	0	0	0	1	1	1

STATION: GRAFENWOEHR AAF, FRG WMO #: 106870 RUNWAY HEADING: 140-320

TABLE 15-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	1	0
03	1	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	1	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	1	0
13	0	0	0	0	0	0	0	0	0	0	0	1	0
14	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 15-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: GRAFENWOEHR AAF, FRG WMO #: 106870 RUNWAY HEADING: 140-320

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 15-1 THRU 15-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	404	393	431	407	421	413	425	430	414	430	412	368	4948
01	406	391	431	406	423	413	426	428	413	431	414	368	4950
02	405	392	432	401	426	413	427	429	415	432	414	367	4953
03	410	394	429	406	423	417	427	432	416	429	412	384	4979
04	413	392	430	406	425	416	430	432	417	430	412	392	4995
05	415	393	428	407	428	413	427	432	415	429	414	398	4999
06	418	394	430	407	426	415	429	434	416	427	414	401	5011
07	417	395	428	413	427	417	427	425	416	429	412	401	5007
08	418	394	428	408	428	415	428	429	415	428	415	402	5008
09	418	395	432	408	430	414	426	427	415	430	414	403	5012
10	420	393	428	411	427	411	429	432	417	430	413	398	5009
11	420	393	429	411	426	416	429	430	414	425	414	402	5009
12	420	392	432	413	425	415	426	431	413	425	413	396	5001
13	420	393	430	409	429	415	423	427	415	427	414	394	4996
14	420	391	428	407	427	414	429	427	415	426	413	397	4994
15	419	394	430	409	425	414	429	424	409	424	413	395	4985
16	420	393	428	404	427	415	427	430	415	430	412	395	4996
17	419	392	431	405	427	414	424	431	416	428	414	391	4992
18	420	391	429	406	424	415	423	429	413	430	411	387	4978
19	417	394	428	406	424	415	429	433	414	431	415	388	4994
20	419	393	429	409	425	415	428	430	413	427	414	387	4989
21	417	392	429	408	426	415	426	428	415	429	413	370	4968
22	415	393	426	406	425	416	427	429	414	433	414	359	4957
23	417	393	430	409	423	412	426	429	415	429	415	359	4957
ALL	9987		10306		10217		10247		9950		9921		119687
		9430		9782		9948		10308		10289		9302	

TABLE 15-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	15	45	25	50	0	100	50	*	50	20	23	36	32
01	25	30	33	33	*	50	33	50	50	50	33	22	31
02	15	0	14	0	*	*	*	*	*	33	44	31	24
03	33	29	0	33	*	50	0	0	0	67	23	23	29
04	18	25	29	14	0	*	50	0	0	40	42	64	32
05	32	40	33	0	0	100	100	*	33	86	24	18	33
06	44	56	13	11	25	50	100	0	67	33	33	24	33
07	39	33	13	17	20	30	25	0	*	20	14	22	24
08	48	25	0	8	0	0	29	13	0	0	17	19	18
09	27	10	13	24	0	14	10	10	13	22	30	28	19
10	56	27	8	26	21	0	13	18	6	23	13	38	22
11	32	13	8	18	14	14	10	6	0	18	41	32	18
12	42	0	15	21	14	9	10	8	5	11	15	28	16
13	26	9	10	5	27	8	13	29	13	6	15	25	16
14	18	13	0	12	17	9	14	0	6	20	22	25	13
15	35	25	18	0	28	6	0	0	8	14	17	25	16
16	24	60	21	13	13	27	25	25	20	25	18	43	26
17	38	50	33	44	13	29	0	33	100	80	38	50	39
18	35	40	13	40	75	0	0	50	20	50	46	54	38
19	40	40	11	75	33	67	0	*	0	50	43	32	36
20	33	40	20	0	*	33	100	*	0	100	19	20	29
21	46	29	38	50	60	0	*	*	*	43	25	30	36
22	15	33	33	25	0	*	*	*	*	33	20	31	25
23	13	38	0	25	100	100	0	0	100	33	9	30	24
ALL	32	25	14	19	20	19	15	13	13	31	26	31	23

STATION: GRAFENWOHR AAF, FRG WMO #: 106870 RUNWAY HEADING: 140-320

TABLE 15-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	15	9	0	0	0	0	0	*	0	0	8	0	6
01	25	50	17	0	*	0	0	0	0	0	7	22	18
02	38	33	0	100	*	*	*	*	*	0	0	13	17
03	22	29	20	0	*	0	0	0	0	0	15	38	20
04	12	25	0	0	0	*	0	0	0	0	8	18	10
05	26	40	17	20	0	0	0	*	0	0	18	45	22
06	13	22	25	11	0	0	0	0	0	0	11	41	17
07	11	33	40	8	0	0	0	0	*	0	14	22	16
08	29	13	30	25	0	0	0	0	0	0	8	31	16
09	27	30	27	14	0	0	0	0	0	0	20	22	14
10	6	9	17	11	0	0	0	0	0	0	13	38	9
11	20	19	17	5	0	0	0	0	0	0	12	27	10
12	12	14	8	0	0	0	0	0	0	0	8	28	7
13	30	9	10	5	0	0	0	0	0	0	8	29	9
14	32	6	11	8	0	0	0	0	0	0	11	25	10
15	15	25	0	6	0	0	0	0	0	0	17	13	6
16	24	0	0	0	0	0	0	0	0	0	36	29	11
17	15	13	0	11	0	0	0	0	0	0	23	13	9
18	6	20	0	20	0	0	0	0	0	0	23	15	9
19	13	0	0	0	0	0	0	*	0	0	7	21	9
20	17	0	0	0	*	0	0	*	0	0	19	13	12
21	8	0	0	0	0	0	*	*	*	0	8	20	8
22	46	17	0	0	0	*	*	*	*	0	20	23	21
23	38	25	0	0	0	0	0	0	0	0	18	10	12
ALL	20	18	11	7	0	0	0	0	0	0	14	23	11

TABLE 15-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	23	18	0	0	0	0	0	*	0	20	0	0	9
01	17	50	17	33	*	0	0	0	0	0	7	17	17
02	23	17	0	100	*	*	*	*	*	0	11	0	10
03	22	43	40	33	*	0	0	0	0	0	15	54	27
04	24	50	14	14	0	*	0	0	0	0	8	18	18
05	32	60	17	0	0	0	0	*	0	14	24	36	25
06	25	33	25	22	0	0	0	0	0	17	22	41	24
07	17	33	20	8	0	0	0	0	*	0	29	28	16
08	19	25	50	8	0	0	0	0	0	0	17	31	16
09	13	60	13	0	0	0	0	0	0	0	10	22	11
10	0	27	8	5	0	0	0	0	0	0	6	25	6
11	16	31	0	0	0	0	0	0	0	0	12	14	7
12	12	33	0	0	0	0	0	0	0	0	23	20	8
13	22	18	0	0	0	0	0	0	0	0	0	21	6
14	27	13	11	0	0	0	0	0	0	0	11	17	8
15	15	25	0	0	0	0	0	0	0	0	17	6	5
16	18	20	14	0	0	0	0	0	0	0	18	10	8
17	15	50	0	11	0	0	0	0	0	0	15	13	11
18	6	40	13	0	0	0	0	0	0	0	15	15	9
19	13	20	11	0	0	0	0	*	0	0	21	21	14
20	11	20	20	0	*	0	0	*	0	0	19	13	13
21	31	43	0	0	0	0	*	*	*	0	25	15	17
22	46	33	17	0	0	*	*	*	*	0	10	15	21
23	63	50	0	0	0	0	0	0	0	0	18	20	20
ALL	20	33	10	4	0	0	0	0	0	2	14	19	12

STATION: GRAFENWOEHR AAF, FRG WMO #: 106870 RUNWAY HEADING: 140-320

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 15-5 THRU 15-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	13	11	4	4	2	2	2	0	2	5	13	11	69
01	12	10	6	3	0	2	3	2	2	4	15	18	77
02	13	6	7	1	0	0	0	0	0	6	9	16	58
03	18	7	5	3	0	2	1	1	1	6	13	13	70
04	17	8	7	7	2	0	2	1	1	5	12	11	73
05	19	5	6	5	1	1	1	0	3	7	17	11	76
06	16	9	8	9	4	4	1	1	3	6	9	17	87
07	18	6	15	12	5	10	4	2	0	5	7	18	102
08	21	8	10	12	7	8	7	8	2	8	12	16	119
09	15	10	15	21	7	7	10	10	8	9	10	18	140
10	18	11	24	19	14	7	16	11	16	13	16	16	181
11	25	16	24	22	14	14	21	17	9	11	17	22	212
12	26	21	26	24	29	22	10	12	21	9	13	25	238
13	23	11	21	22	15	13	16	14	16	16	13	24	204
14	22	16	18	25	18	11	14	14	16	5	9	24	192
15	20	12	17	17	18	17	12	7	12	7	6	16	161
16	17	5	14	15	7	11	12	4	5	8	11	21	130
17	13	8	9	9	8	7	4	6	1	5	13	16	99
18	17	5	8	5	4	2	5	2	5	6	13	13	85
19	15	5	9	4	3	3	2	0	2	4	14	19	80
20	18	5	5	1	0	3	1	0	1	3	16	15	68
21	13	7	8	2	5	1	0	0	0	7	12	20	75
22	13	6	6	4	2	0	0	0	0	3	10	13	57
23	8	8	8	8	1	2	3	1	1	3	11	20	74
ALL	410	216	280	254	166	149	147	113	127	161	291	413	2727

TABLE 15-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	33	33	*	*	100	0	*	*	*	33	50	32
01	17	0	0	0	*	*	*	*	*	*	33	100	21
02	25	0	0	*	*	*	*	*	*	67	60	50	39
03	33	0	*	*	*	*	*	0	*	100	0	0	24
04	43	0	33	50	*	*	100	*	*	100	50	100	52
05	38	50	0	0	*	*	*	*	*	100	40	0	35
06	57	100	0	50	*	*	*	*	*	*	33	100	47
07	43	0	0	0	*	0	*	*	*	100	0	0	20
08	67	100	0	25	*	*	*	0	*	0	33	29	40
09	50	0	25	100	0	0	0	0	*	0	50	17	22
10	71	0	0	33	50	0	*	*	0	0	25	43	30
11	30	33	0	20	0	0	0	0	0	0	50	11	19
12	78	0	33	75	17	33	100	0	0	0	0	20	32
13	50	100	25	14	100	0	17	0	17	0	33	22	25
14	33	25	0	0	0	*	0	0	0	0	50	40	17
15	67	50	100	0	*	0	0	0	50	*	100	29	29
16	50	100	25	33	0	50	0	0	0	0	*	57	41
17	33	100	33	33	*	50	*	*	100	50	100	33	52
18	50	0	0	0	*	*	*	*	*	0	75	67	39
19	67	50	0	100	0	*	*	*	*	0	67	33	52
20	67	100	50	*	*	100	100	*	*	100	50	0	56
21	33	67	67	100	100	*	*	*	*	0	67	40	57
22	*	0	67	0	0	*	*	*	*	*	50	50	36
23	*	50	0	0	100	*	*	*	100	*	33	33	40
ALL	47	36	20	30	33	22	24	0	17	30	45	33	34

STATION: GRAFENWOEHR AAF, FRG WMO #: 106870 RUNWAY HEADING: 140-320

TABLE 15-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	25	0	0	*	*	0	0	*	*	*	33	0	11
01	17	0	0	0	*	*	*	*	*	*	0	0	7
02	25	33	0	*	*	*	*	*	*	0	0	0	9
03	11	0	*	*	*	*	*	0	*	0	0	0	6
04	0	100	0	0	*	*	0	*	*	0	0	0	4
05	0	50	0	0	*	*	*	*	*	0	20	67	17
06	14	0	33	0	*	*	*	*	*	*	0	0	12
07	0	50	100	0	*	0	*	*	*	0	0	0	10
08	22	0	50	25	*	*	*	0	*	0	0	29	20
09	25	50	0	0	0	0	0	0	*	0	0	0	7
10	0	0	20	33	0	0	*	*	0	0	0	43	14
11	30	33	0	20	0	0	0	0	0	0	17	33	19
12	11	25	33	0	0	0	0	0	0	0	0	30	12
13	13	0	13	0	0	0	0	0	0	0	0	33	9
14	0	25	20	50	0	*	0	0	0	0	0	0	9
15	0	50	0	0	*	0	0	0	0	*	0	14	7
16	25	0	0	0	0	0	0	0	0	0	*	14	7
17	0	0	0	33	*	0	*	*	0	0	0	0	5
18	0	0	0	100	*	*	*	*	*	0	0	0	6
19	17	0	0	0	0	*	*	*	*	0	0	0	5
20	0	0	0	*	*	0	0	*	*	0	25	0	6
21	33	0	0	0	0	*	*	*	*	0	0	40	13
22	*	0	0	0	0	*	*	*	*	*	0	0	0
23	*	50	0	0	0	*	*	*	0	*	0	17	13
ALL	12	20	10	11	0	0	0	0	0	0	5	18	10

TABLE 15-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	25	0	0	*	*	0	0	*	*	*	0	0	5
01	0	0	0	0	*	*	*	*	*	*	0	0	0
02	25	0	0	*	*	*	*	*	*	0	0	0	4
03	11	0	*	*	*	*	*	0	*	0	0	33	12
04	0	100	0	50	*	*	0	*	*	0	0	0	9
05	0	50	0	0	*	*	*	*	*	0	20	67	17
06	14	0	33	0	*	*	*	*	*	*	0	0	12
07	0	50	0	0	*	0	*	*	*	0	33	0	10
08	11	0	100	25	*	*	*	0	*	0	0	14	17
09	0	50	0	0	0	0	0	0	*	0	0	0	4
10	0	0	0	0	0	0	*	*	0	0	0	0	0
11	10	0	0	0	0	0	0	0	0	0	17	11	6
12	0	0	0	0	0	0	0	0	0	0	0	20	4
13	0	0	0	0	0	0	0	0	0	0	0	22	4
14	0	0	20	0	0	*	0	0	0	0	0	0	3
15	0	0	0	0	*	0	0	0	0	*	0	0	0
16	25	0	0	0	*	0	0	0	0	0	*	0	4
17	0	0	0	33	*	0	*	*	0	0	0	0	5
18	0	0	0	0	*	*	*	*	*	0	0	0	0
19	17	0	0	0	0	*	*	*	*	0	0	0	5
20	0	0	50	*	*	0	0	*	*	0	25	0	13
21	67	0	0	0	0	*	*	*	*	0	0	20	13
22	*	0	0	0	0	*	*	*	*	*	0	0	0
23	*	50	0	0	0	*	*	*	0	*	0	33	20
ALL	8	10	7	6	0	0	0	0	0	0	5	10	6

STATION: GRAFENWOEHR AAF, FRG

WMO #: 106870

RUNWAY HEADING: 140-320

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 15-8 THRU 15-10

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	3	3	0	0	1	1	0	0	0	3	4	19
01	6	2	1	1	0	0	0	0	0	0	3	1	14
02	4	3	2	0	0	0	0	0	0	3	5	6	23
03	9	1	0	0	0	0	0	1	0	1	2	3	17
04	7	1	3	2	0	0	1	0	0	1	6	2	23
05	8	2	1	2	0	0	0	0	0	2	5	3	23
06	7	1	3	2	0	0	0	0	0	0	3	1	17
07	7	2	1	3	0	1	0	0	0	1	3	2	20
08	9	2	2	4	0	0	0	1	0	2	3	7	30
09	4	2	4	1	1	2	1	2	0	2	2	6	27
10	7	2	5	3	2	2	0	0	2	3	4	7	37
11	10	3	5	5	1	2	2	2	1	1	6	9	47
12	9	4	3	4	6	3	1	2	5	2	1	10	50
13	8	1	8	7	1	2	6	3	6	3	3	9	57
14	6	4	5	2	2	0	1	3	4	1	2	5	35
15	3	2	1	4	0	5	2	1	2	0	1	7	28
16	4	2	4	3	0	2	1	1	1	1	0	7	26
17	3	2	3	3	0	2	0	0	1	2	2	3	21
18	4	1	4	1	0	0	0	0	0	1	4	3	18
19	6	2	2	3	1	0	0	0	0	1	3	3	21
20	3	1	2	0	0	1	1	0	0	1	4	3	16
21	3	3	3	1	3	0	0	0	0	2	3	5	23
22	0	2	3	1	2	0	0	0	0	0	2	4	14
23	0	2	1	1	1	0	0	0	1	0	3	6	15
ALL	131	50	69	53	20	23	17	16	23	30	73	116	621

TABLE 15-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	0	*	*	*	*	*	*	*	*	0	0
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	*	*	*	*	*	*	*	67	67
03	33	*	*	*	*	*	*	*	*	*	*	0	25
04	50	*	*	*	*	*	*	*	*	*	100	*	60
05	100	*	0	*	*	*	*	*	*	*	*	*	67
06	50	*	*	*	*	*	*	*	*	*	*	*	50
07	50	*	*	*	*	*	*	*	*	*	*	*	50
08	67	*	*	0	*	*	*	*	*	*	*	*	50
09	*	*	*	*	*	*	0	*	*	*	*	50	33
10	0	*	*	100	*	*	*	*	*	*	0	0	25
11	100	*	0	*	*	*	*	*	*	*	0	0	17
12	100	0	*	0	*	*	100	0	*	*	*	0	33
13	*	*	0	100	*	*	0	*	0	*	*	33	29
14	33	*	*	*	*	*	*	*	*	0	*	100	40
15	*	*	*	0	*	*	0	*	*	*	*	100	33
16	*	100	100	100	0	*	*	*	*	*	*	*	75
17	*	*	*	0	*	*	*	*	100	*	*	*	50
18	*	*	*	*	*	*	*	*	*	*	100	*	100
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	100	*	*	*	*	*	*	100	0	*	67
21	*	100	*	*	*	*	*	*	*	*	0	*	50
22	*	*	50	*	*	*	*	*	*	*	*	0	33
23	*	*	*	*	100	*	*	*	100	*	*	100	100
ALL	54	67	33	43	50	*	25	0	67	50	33	35	43

STATION: GRAFENWOEHR AAF, FRG WMO #: 106870 RUNWAY HEADING: 140-320

TABLE 15-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	0	*	*	*	*	*	*	*	*	0	0
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	*	*	*	*	*	*	*	0	0
03	33	*	*	*	*	*	*	*	*	*	*	0	25
04	0	*	*	*	*	*	*	*	*	*	0	*	0
05	0	*	0	*	*	*	*	*	*	*	*	*	0
06	0	*	*	*	*	*	*	*	*	*	*	*	0
07	0	*	*	*	*	*	*	*	*	*	*	*	0
08	33	*	*	0	*	*	*	*	*	*	*	*	25
09	*	*	*	*	*	*	0	*	*	*	*	0	0
10	0	*	*	0	*	*	*	*	*	*	0	100	25
11	0	*	0	*	*	*	*	*	*	*	0	50	17
12	0	0	*	0	*	*	0	0	*	*	*	33	11
13	*	*	0	0	*	*	0	*	0	*	*	33	14
14	0	*	*	*	*	*	*	*	*	0	*	0	0
15	*	*	*	0	*	*	0	*	*	*	*	0	0
16	*	0	0	0	0	*	*	*	*	*	*	*	0
17	*	*	*	100	*	*	*	*	0	*	*	*	50
18	*	*	*	*	*	*	*	*	*	*	0	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	0	*	*	*	*	*	*	0	0	*	0
21	*	0	*	*	*	*	*	*	*	*	0	*	0
22	*	*	0	*	*	*	*	*	*	*	*	0	0
23	*	*	*	*	0	*	*	*	0	*	*	0	0
ALL	8	0	0	14	0	*	0	0	0	0	0	20	9

TABLE 15-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	0	*	*	*	*	*	*	*	*	0	0
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	*	*	*	*	*	*	*	0	0
03	33	*	*	*	*	*	*	*	*	*	*	0	25
04	0	*	*	*	*	*	*	*	*	*	0	*	0
05	0	*	0	*	*	*	*	*	*	*	*	*	0
06	0	*	*	*	*	*	*	*	*	*	*	*	0
07	0	*	*	*	*	*	*	*	*	*	*	*	0
08	0	*	*	0	*	*	*	*	*	*	*	*	0
09	*	*	*	*	*	*	0	*	*	*	*	0	0
10	0	*	*	0	*	*	*	*	*	*	0	0	0
11	0	*	0	*	*	*	*	*	*	*	0	0	0
12	0	0	*	0	*	*	0	0	*	*	*	0	0
13	*	*	0	0	*	*	0	*	0	*	*	33	14
14	0	*	*	*	*	*	*	*	*	0	*	0	0
15	*	*	*	0	*	*	0	*	*	*	*	0	0
16	*	0	0	0	*	*	*	*	*	*	*	*	0
17	*	*	*	100	*	*	*	*	0	*	*	*	50
18	*	*	*	*	*	*	*	*	*	*	0	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	0	*	*	*	*	*	*	0	0	*	0
21	*	0	*	*	*	*	*	*	*	*	0	*	0
22	*	*	0	*	*	*	*	*	*	*	*	0	0
23	*	*	*	*	0	*	*	*	0	*	*	0	0
ALL	4	0	0	14	0	*	0	0	0	0	0	5	4

STATION: GRAFENWOEHR AAF, FRG WMO #: 106870 RUNWAY HEADING: 140-320

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 13-11 THRU 15-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	1	0	0	0	0	0	0	0	0	1	2
01	1	0	0	0	0	0	0	0	0	0	0	0	1
02	0	0	0	0	0	0	0	0	0	0	0	3	3
03	3	0	0	0	0	0	0	0	0	0	0	1	4
04	4	0	0	0	0	0	0	0	0	0	1	0	5
05	2	0	1	0	0	0	0	0	0	0	0	0	3
06	2	0	0	0	0	0	0	0	0	0	0	0	2
07	2	0	0	0	0	0	0	0	0	0	0	0	2
08	3	0	0	1	0	0	0	0	0	0	0	0	4
09	0	0	0	0	0	0	1	0	0	0	0	2	3
10	1	0	0	1	0	0	0	0	0	0	1	1	4
11	1	0	2	0	0	0	0	0	0	0	1	2	6
12	2	1	0	1	0	0	1	1	0	0	0	3	9
13	0	0	1	1	0	0	1	0	1	0	0	3	7
14	3	0	0	0	0	0	0	0	0	1	0	1	5
15	0	0	0	1	0	0	1	0	0	0	0	1	3
16	0	1	1	1	0	0	0	0	0	0	0	0	3
17	0	0	0	1	0	0	0	0	1	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	1	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	1	0	0	0	0	0	0	1	1	0	3
21	0	1	0	0	0	0	0	0	0	0	1	0	2
22	0	0	2	0	0	0	0	0	0	0	0	1	3
23	0	0	0	0	1	0	0	0	1	0	0	1	3
ALL	24	3	9	7	1	0	4	1	3	2	6	20	80

TABLE 15-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	100	*	*	*	*	*	*	*	*	*	*	*	100
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	0	0
11	*	*	*	*	*	*	*	*	*	*	0	*	0
12	*	*	*	*	*	*	*	*	*	*	*	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	100	*	0	*	*	*	*	*	*	*	50
17	*	*	*	*	*	*	*	*	100	*	*	*	100
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	100	0	*	50
21	*	100	*	*	*	*	*	*	*	*	*	*	100
22	*	*	0	*	*	*	*	*	*	*	*	0	0
23	*	*	*	*	*	*	*	*	*	*	*	100	100
ALL	50	100	50	*	0	*	*	*	100	100	0	20	40

STATION: GRAFENWOEHR AAF, FRG WMO #: 106870 RUNWAY HEADING: 140-320

TABLE 15-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	0	*	*	*	*	*	*	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	100	100
11	*	*	*	*	*	*	*	*	*	*	0	*	0
12	*	*	*	*	*	*	*	*	*	*	*	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	0	*	0	*	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	0	*	*	*	0
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	0	0	*	0
21	*	0	*	*	*	*	*	*	*	*	*	*	0
22	*	*	0	*	*	*	*	*	*	*	*	0	0
23	*	*	*	*	*	*	*	*	*	*	*	0	0
ALL	0	0	0	*	0	*	*	*	0	0	0	20	7

TABLE 15-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	0	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	0	*	*	*	*	*	*	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	0	0
11	*	*	*	*	*	*	*	*	*	*	0	*	0
12	*	*	*	*	*	*	*	*	*	*	*	0	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	0	*	*	*	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	0	*	*	*	0
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	0	0	*	0
21	*	0	*	*	*	*	*	*	*	*	*	*	0
22	*	*	0	*	*	*	*	*	*	*	*	0	0
23	*	*	*	*	*	*	*	*	*	*	*	0	0
ALL	0	0	0	*	*	*	*	*	0	0	0	0	0

STATION: GRAFENWOEHR AAF, FRG WMO #: 106870 RUNWAY HEADING: 140-320

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 15-14 THRU 15-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	1	1
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	0	0	0	0	0	0	0	1
05	1	0	0	0	0	0	0	0	0	0	0	0	1
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	1	1
11	0	0	0	0	0	0	0	0	0	0	1	0	1
12	0	0	0	0	0	0	0	0	0	0	0	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	1	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	1	1	0	2
21	0	1	0	0	0	0	0	0	0	0	0	0	1
22	0	0	1	0	0	0	0	0	0	0	0	1	2
23	0	0	0	0	0	0	0	0	0	0	0	1	1
ALL	2	1	2	0	0	0	0	0	1	1	2	5	14

STATION: RAF GREENHAM COMMON, UK WMO #: 036440

RUNWAY HEADING: 110-290

TABLE 16-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	29	21	16	12	11	5	5	3	9	15	20	24	14
01	24	17	20	13	15	4	4	4	10	14	22	25	14
02	25	18	17	13	11	5	7	4	9	12	22	26	14
03	24	18	19	14	12	5	6	5	10	15	20	27	15
04	26	19	17	11	10	5	7	5	10	16	21	20	14
05	24	14	15	13	10	4	7	4	9	15	21	23	13
06	24	17	20	15	16	6	5	5	9	15	22	24	15
07	24	19	18	14	19	8	11	7	11	18	23	24	16
08	28	17	23	20	25	11	15	11	17	20	21	26	20
09	27	22	26	25	27	13	14	16	21	21	23	27	22
10	29	23	30	29	29	17	15	18	26	26	25	28	24
11	35	29	32	33	30	18	19	17	29	29	26	31	27
12	37	29	36	31	33	20	21	21	29	32	31	33	30
13	36	29	36	33	33	19	20	22	32	31	31	29	29
14	36	30	37	33	33	21	22	24	32	31	30	30	30
15	33	28	36	31	32	21	22	21	27	28	24	24	27
16	26	28	35	30	31	20	22	25	28	25	21	24	26
17	26	28	29	27	28	19	24	20	22	18	21	23	24
18	24	21	22	20	27	16	16	15	17	14	16	25	19
19	25	24	21	15	15	11	13	11	12	18	21	27	18
20	28	24	19	15	10	9	8	8	12	19	18	24	16
21	25	23	19	17	10	7	4	7	8	18	20	25	15
22	30	26	17	15	10	8	4	5	9	14	21	22	14
23	27	24	20	11	9	5	4	7	10	14	18	23	13
ALL	28	23	25	21	21	12	13	12	17	20	23	26	20

TABLE 16-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	16	10	8	6	2	1	1	2	3	6	10	10	6
01	12	9	8	6	2	1	0	3	3	6	10	11	6
02	13	11	9	4	2	3	1	2	4	6	9	10	6
03	12	9	9	5	3	2	1	1	4	8	8	11	6
04	13	8	7	6	2	2	1	2	5	8	10	11	6
05	11	8	5	5	2	1	1	1	4	8	10	11	6
06	11	8	8	5	3	2	0	2	2	9	8	11	6
07	12	9	9	6	5	3	2	4	5	9	9	12	7
08	13	9	10	8	9	2	3	4	6	9	10	13	8
09	12	12	13	11	8	5	6	5	7	10	13	14	10
10	14	11	18	13	9	5	5	7	10	11	13	14	11
11	15	15	16	12	14	6	6	8	15	15	16	17	13
12	16	15	19	12	15	7	7	9	14	15	17	18	14
13	17	15	19	12	15	5	9	9	17	16	16	15	14
14	17	15	20	13	15	6	8	9	14	15	15	14	13
15	12	16	18	12	15	7	7	10	12	11	14	12	12
16	12	12	16	13	13	7	7	8	13	11	11	12	11
17	13	11	11	9	13	6	9	8	10	9	10	13	10
18	11	10	10	9	7	7	5	6	7	8	8	12	9
19	14	13	13	8	5	5	2	3	5	9	12	15	9
20	15	15	14	8	3	5	2	3	4	10	9	15	8
21	15	14	12	9	3	4	1	3	3	8	11	14	8
22	17	14	9	8	1	4	0	3	5	6	12	15	7
23	20	13	8	7	2	2	1	3	3	6	11	13	7
ALL	14	12	12	9	7	4	4	5	8	10	11	13	9

STATION: RAF GREENHAM COMMON, UK WMO #: 036440 RUNWAY HEADING: 110-290

TABLE 16-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	7	5	4	2	1	0	0	2	2	4	7	5	3
01	8	5	3	2	0	1	0	1	1	3	4	5	3
02	7	4	4	1	0	1	0	0	2	2	6	6	3
03	4	4	5	1	0	0	0	1	1	4	4	5	3
04	6	4	5	2	0	0	0	1	1	3	5	6	3
05	5	3	4	1	0	0	0	1	1	4	5	3	2
06	5	3	6	1	1	1	0	0	1	3	5	4	3
07	6	3	5	2	1	1	0	1	1	4	3	3	3
08	6	4	4	3	4	1	0	2	1	5	6	4	3
09	5	4	7	5	2	2	1	3	2	5	6	7	4
10	6	5	9	5	5	2	1	3	5	5	7	7	5
11	6	7	8	6	5	2	2	2	4	6	8	7	5
12	6	6	11	4	5	2	2	4	5	7	7	7	5
13	6	6	11	5	5	3	3	4	6	7	8	9	6
14	8	7	11	6	8	3	4	3	4	6	7	8	6
15	6	5	9	7	7	3	2	4	5	6	6	6	6
16	7	6	7	5	4	3	2	3	6	5	6	8	5
17	6	5	6	3	4	2	2	2	3	6	4	8	4
18	5	4	5	4	3	2	1	3	2	4	5	9	4
19	5	5	7	4	1	1	0	1	1	5	5	11	4
20	6	5	7	2	0	0	0	1	2	4	7	11	4
21	8	8	5	4	1	0	0	0	1	3	6	9	3
22	11	7	5	3	1	0	0	2	2	3	7	8	4
23	9	7	5	1	1	0	0	1	2	3	6	8	3
ALL	6	5	7	3	3	1	1	2	3	4	6	7	4

TABLE 16-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	1	2	0	0	0	0	0	1	0	4	1	1
01	3	1	2	0	0	0	0	0	1	1	3	3	1
02	3	2	1	0	0	0	0	0	1	1	2	2	1
03	3	2	2	0	0	0	0	0	1	1	2	2	1
04	3	1	2	0	0	0	0	0	0	1	2	1	1
05	2	0	1	0	0	0	0	0	0	1	2	1	1
06	3	1	2	1	0	0	0	0	0	1	2	1	1
07	2	1	2	1	0	0	0	0	1	2	3	2	1
08	2	1	2	0	1	0	0	0	0	2	1	1	1
09	2	1	2	1	0	0	0	1	1	3	3	3	2
10	3	1	3	2	0	0	0	1	1	3	3	2	2
11	2	2	3	2	1	0	0	1	1	2	4	3	2
12	1	1	4	1	2	1	0	1	2	3	4	4	2
13	3	1	5	3	2	1	1	1	2	2	4	3	2
14	3	1	5	2	3	2	1	1	2	3	3	4	3
15	3	2	3	3	1	1	0	0	3	3	3	3	2
16	3	0	3	2	1	1	0	1	3	2	2	3	2
17	2	2	2	2	1	1	0	1	1	3	1	3	2
18	2	1	2	1	1	1	0	0	1	1	2	3	1
19	3	2	2	1	0	0	0	0	1	2	2	4	1
20	3	2	2	1	0	0	0	0	1	1	2	5	1
21	3	2	3	1	0	0	0	0	1	1	3	4	1
22	7	2	2	1	0	0	0	0	1	0	2	3	1
23	2	2	3	1	0	0	0	0	1	1	3	3	1
ALL	3	1	3	1	1	0	0	0	1	2	3	3	1

STATION: RAF GREENHAM COMMON, UK WMO #: 036440

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 16-1 THRU 16-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	241	236	256	242	260	274	267	274	264	290	283	279	3166
01	270	263	270	246	263	277	267	278	273	296	299	278	3280
02	272	266	273	246	262	276	266	274	276	299	296	278	3284
03	272	263	274	244	263	272	268	274	278	299	296	279	3282
04	268	262	271	246	265	278	274	280	279	299	299	281	3302
05	274	264	275	248	265	282	290	285	282	297	296	282	3340
06	273	270	288	289	294	301	300	295	293	322	296	283	3504
07	299	278	307	290	297	298	304	295	298	323	319	301	3609
08	301	276	302	293	300	299	308	297	301	323	318	301	3619
09	301	276	303	293	298	296	304	298	301	322	318	303	3613
10	301	275	305	294	300	301	307	300	300	325	320	302	3630
11	303	278	303	289	301	298	310	299	302	325	317	300	3625
12	302	279	302	289	297	299	305	298	299	324	318	299	3611
13	300	278	301	287	296	296	299	298	298	317	316	295	3581
14	298	274	302	286	296	300	304	295	300	323	317	294	3589
15	294	275	293	284	297	301	301	293	295	322	319	296	3570
16	302	279	302	286	297	302	302	292	298	322	317	297	3596
17	296	277	300	285	295	298	302	288	294	323	314	294	3566
18	291	268	281	253	268	267	259	255	248	288	309	289	3276
19	223	205	209	195	218	218	216	231	223	239	228	227	2632
20	172	169	188	196	220	224	226	229	223	238	201	197	2483
21	169	169	186	195	219	221	228	232	222	239	198	196	2474
22	169	169	186	192	220	224	220	232	214	233	197	193	2449
23	169	169	214	236	236	255	247	264	253	270	196	193	2702
	6018		6204		6657		6656		7158		6537		
ALL	6360		6491		6527		6674		6614		6887		78783

TABLE 16-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	24	21	27	14	30	0	29	14	16	24	10	19
01	23	18	28	9	29	40	0	22	27	19	27	8	21
02	29	28	21	18	28	45	14	25	40	21	28	17	25
03	22	9	17	25	26	20	20	11	50	24	18	22	21
04	17	14	32	11	30	9	11	22	40	21	28	23	22
05	13	11	43	26	19	0	43	22	14	23	26	15	21
06	24	11	27	28	19	6	20	36	14	19	24	12	20
07	22	11	33	21	18	0	5	6	13	26	19	26	19
08	13	13	30	16	25	4	4	4	28	24	17	23	18
09	23	9	26	7	16	7	4	13	6	14	16	33	16
10	25	7	35	11	12	6	7	11	11	16	11	24	16
11	23	7	22	12	7	0	8	15	7	15	16	22	14
12	25	9	24	13	15	12	5	17	17	10	20	16	16
13	18	5	25	8	8	2	8	13	13	11	23	15	13
14	21	14	26	14	12	15	11	11	10	19	18	19	16
15	24	7	25	16	9	13	9	6	12	22	23	33	17
16	25	10	26	13	8	11	7	9	16	18	22	27	16
17	25	13	25	12	9	5	7	9	10	25	30	35	17
18	22	13	25	19	8	11	8	7	12	32	31	26	18
19	13	14	26	20	10	5	0	0	39	17	25	26	18
20	15	17	29	15	9	11	17	19	30	18	25	19	19
21	21	13	34	19	10	29	67	7	25	10	29	19	20
22	25	18	28	15	14	21	40	33	29	17	32	14	22
23	18	18	37	20	28	18	50	8	33	8	28	22	22
ALL	21	12	27	15	14	10	9	12	17	18	23	21	18

STATION: RAF GREENHAM COMMON, UK WMO #: 036440 RUNWAY HEADING: 110-290

TABLE 16-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	8	0	5	0	0	0	0	0	0	2	0	3
01	10	21	0	5	0	0	0	0	0	0	0	0	4
02	10	14	0	5	0	0	0	0	0	0	0	0	3
03	7	9	0	5	0	0	0	0	0	0	0	0	2
04	7	16	3	5	0	0	0	0	0	0	0	0	3
05	10	15	4	4	0	0	0	0	0	0	0	0	3
06	10	11	2	4	0	0	0	0	0	0	0	2	3
07	4	8	3	4	0	0	0	0	0	0	0	2	2
08	6	13	2	3	0	0	0	0	0	0	0	2	2
09	6	13	2	2	0	0	0	0	0	0	0	2	2
10	8	7	2	2	0	0	0	0	0	0	0	2	2
11	6	7	1	2	0	0	0	0	0	0	0	0	1
12	5	5	1	0	0	0	0	0	0	0	0	0	1
13	6	9	1	2	0	0	0	0	0	0	0	0	2
14	6	5	1	0	0	0	0	0	0	0	0	1	1
15	6	4	0	2	0	0	0	0	0	0	0	2	1
16	6	10	0	4	0	0	0	0	0	0	0	4	2
17	8	7	0	0	0	0	0	0	0	0	0	0	1
18	8	4	0	6	0	0	0	0	0	0	0	0	2
19	6	8	0	0	0	0	0	0	0	0	0	2	2
20	6	10	0	0	0	0	0	0	0	0	0	0	2
21	5	8	0	0	0	0	0	0	0	0	0	0	1
22	2	5	0	4	0	0	0	0	0	0	0	0	1
23	7	3	0	5	0	0	0	0	0	0	0	0	2
ALL	7	9	1	2	0	0	0	0	0	0	0	1	2

TABLE 16-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	10	26	5	0	0	0	0	0	0	0	0	1	5
01	13	27	4	0	0	0	0	0	0	0	0	1	5
02	13	27	4	3	0	0	0	0	0	0	0	3	6
03	9	31	2	3	0	0	0	0	0	0	0	3	5
04	11	31	4	4	0	0	0	0	0	0	0	2	6
05	12	37	2	3	0	0	0	0	0	0	0	5	6
06	11	28	7	10	0	0	0	0	0	0	0	4	6
07	10	28	7	10	0	0	0	0	0	0	0	4	6
08	10	31	6	0	0	0	0	0	0	0	0	3	4
09	9	26	3	0	0	0	0	0	0	0	0	1	3
10	7	24	1	0	0	0	0	0	0	0	0	4	3
11	8	16	1	0	0	0	0	0	0	0	0	1	2
12	5	16	1	0	0	0	0	0	0	0	0	2	2
13	6	14	1	0	0	0	0	0	0	0	0	1	2
14	6	10	0	0	0	0	0	0	0	0	0	1	1
15	5	13	0	0	0	0	0	0	0	0	0	0	2
16	6	14	0	0	0	0	0	0	0	0	0	0	2
17	8	14	0	0	0	0	0	0	0	0	0	3	2
18	9	21	0	0	0	0	0	0	0	0	0	4	3
19	7	30	0	0	0	0	0	0	0	0	0	3	4
20	12	29	3	0	0	0	0	0	0	0	0	2	5
21	10	46	3	0	0	0	0	0	0	0	0	4	7
22	10	39	3	4	0	0	0	0	0	0	0	2	7
23	13	29	2	0	0	0	0	0	0	0	0	2	6
ALL	9	23	2	1	0	0	0	0	0	0	0	2	4

STATION: RAF GREENHAM COMMON, UK WMO #: 036440 RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 16-5 THRU 16-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	71	50	40	30	28	14	13	9	25	44	56	67	447
01	64	45	53	32	40	11	12	11	26	41	67	69	471
02	69	49	47	33	28	14	18	10	26	36	64	73	467
03	66	48	50	33	32	14	15	15	27	44	60	74	478
04	70	49	45	26	27	14	18	13	27	49	62	57	457
05	66	38	42	31	27	11	19	12	24	44	63	64	441
06	66	47	57	42	46	19	15	15	27	49	65	69	517
07	73	54	55	42	56	25	33	21	33	57	72	73	594
08	84	48	70	59	76	34	46	34	50	63	67	78	709
09	80	61	78	73	80	37	43	47	61	69	74	81	784
10	87	62	90	84	87	52	47	54	77	85	79	83	887
11	106	80	96	94	91	55	60	50	88	94	84	92	990
12	111	82	108	90	97	60	65	64	88	103	99	99	1066
13	109	80	108	95	99	56	61	66	96	98	96	86	1050
14	107	81	112	94	97	62	68	70	95	101	94	87	1068
15	98	78	106	88	94	63	67	62	79	89	78	72	974
16	78	79	105	85	93	60	67	73	83	79	68	70	940
17	78	77	86	75	81	57	72	58	64	58	65	68	839
18	70	57	62	50	72	43	41	37	41	41	50	73	637
19	55	50	43	30	33	24	29	26	27	44	48	61	470
20	49	41	35	29	23	20	18	19	26	45	37	48	390
21	42	39	35	34	22	16	8	17	18	44	39	49	363
22	51	44	32	28	22	16	8	12	19	33	41	43	349
23	45	41	42	27	22	13	9	19	25	39	36	45	363
	1380		1304		790		814		1449		1681		
ALL	1795		1597		1373		852		1152		1564		15751

TABLE 16-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	23	32	25	18	20	0	0	40	29	12	29	9	22
01	36	29	40	0	75	50	0	33	43	22	30	4	27
02	35	33	16	0	60	56	0	50	50	31	46	23	32
03	39	17	21	18	43	0	0	33	43	29	32	26	27
04	18	20	42	17	33	0	0	0	55	24	44	28	29
05	21	17	53	30	20	0	100	0	25	26	32	7	24
06	35	10	32	31	11	0	*	33	25	24	32	15	24
07	26	15	40	25	33	0	20	10	22	35	4	31	24
08	19	14	34	19	33	0	0	8	25	29	17	29	22
09	33	7	24	11	22	7	0	13	6	20	16	38	19
10	33	4	41	13	17	8	10	21	14	24	14	26	21
11	28	3	27	13	11	0	12	22	8	17	21	26	17
12	33	11	26	24	13	16	0	13	16	7	28	16	18
13	26	8	30	14	12	0	14	12	8	15	27	19	17
14	28	14	29	19	8	24	11	7	13	19	20	21	18
15	37	5	26	17	9	15	13	11	11	31	18	38	20
16	31	17	31	16	6	25	5	13	11	22	19	35	20
17	29	19	32	25	3	6	10	13	11	35	36	39	23
18	25	19	29	15	6	11	14	0	25	41	38	33	23
19	10	15	33	20	11	0	0	0	40	19	26	26	20
20	20	20	33	20	14	9	33	33	43	13	32	21	23
21	15	13	32	18	14	25	*	0	29	15	33	19	20
22	36	25	25	27	33	25	*	50	33	14	46	14	29
23	24	23	39	25	25	0	0	17	14	6	38	19	23
ALL	27	15	31	18	15	12	9	15	18	22	27	24	22

STATION: RAF GREENHAM COMMON, UK WMO #: 036440 RUNWAY HEADING: 110-290

TABLE 16-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	9	0	9	0	0	0	0	0	0	0	0	3
01	5	19	0	8	0	0	0	0	0	0	0	0	4
02	8	17	0	10	0	0	0	0	0	0	0	0	4
03	0	6	0	9	0	0	0	0	0	0	0	0	1
04	9	10	5	8	0	0	0	0	0	0	0	0	3
05	16	17	7	10	0	0	0	0	0	0	0	0	5
06	10	10	5	8	0	0	*	0	0	0	0	0	3
07	4	10	4	6	0	0	0	0	0	0	0	3	3
08	7	5	3	6	0	0	0	0	0	0	0	3	2
09	7	11	3	4	0	0	0	0	0	0	0	0	2
10	6	4	2	3	0	0	0	0	0	0	0	0	2
11	6	9	2	3	0	0	0	0	0	0	0	0	2
12	6	6	2	0	0	0	0	0	0	0	0	0	1
13	8	8	2	0	0	0	0	0	0	0	0	0	2
14	8	5	2	0	0	0	0	0	0	0	0	0	1
15	7	3	0	3	0	0	0	0	0	0	0	3	1
16	8	10	0	6	0	0	0	0	0	0	0	0	2
17	10	11	0	0	0	0	0	0	0	0	0	0	2
18	4	8	0	5	0	0	0	0	0	0	0	0	2
19	6	12	0	0	0	0	0	0	0	0	0	3	3
20	8	12	0	0	0	0	0	0	0	0	0	0	3
21	4	9	0	0	0	0	*	0	0	0	0	0	2
22	4	4	0	7	0	0	*	0	0	0	0	0	2
23	9	0	0	6	0	0	0	0	0	0	0	0	2
ALL	7	9	2	4	0	0	0	0	0	0	0	1	2

TABLE 16-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	33	5	0	0	0	0	0	0	0	0	0	6
01	3	29	5	0	0	0	0	0	0	0	0	0	5
02	9	24	4	9	0	0	0	0	0	0	0	0	6
03	0	22	4	8	0	0	0	0	0	0	0	0	4
04	9	33	5	7	0	0	0	0	0	0	0	0	6
05	7	36	7	8	0	0	0	0	0	0	0	3	7
06	6	32	9	7	0	0	0	0	0	0	0	0	6
07	3	25	4	11	0	0	0	0	0	0	0	0	4
08	5	23	7	0	0	0	0	0	0	0	0	0	3
09	8	31	5	0	0	0	0	0	0	0	0	0	4
10	9	28	2	0	0	0	0	0	0	0	0	2	4
11	7	20	2	0	0	0	0	0	0	0	0	2	3
12	4	16	2	0	0	0	0	0	0	0	0	2	2
13	6	15	2	0	0	0	0	0	0	0	0	0	2
14	8	17	0	0	0	0	0	0	0	0	0	0	2
15	6	13	0	0	0	0	0	0	0	0	0	0	2
16	3	9	0	0	0	0	0	0	0	0	0	0	1
17	13	23	0	0	0	0	0	0	0	0	0	0	3
18	3	21	0	0	0	0	0	0	0	0	0	0	2
19	3	30	0	0	0	0	0	0	0	0	0	3	4
20	12	32	4	0	0	0	0	0	0	0	0	0	6
21	0	43	5	0	0	0	0	0	0	0	0	0	6
22	11	38	6	0	0	0	*	0	0	0	0	0	7
23	12	32	6	0	0	0	0	0	0	0	0	0	7
ALL	6	24	3	1	0	0	0	0	0	0	0	1	4

STATION: RAF GREENHAM COMMON, UK WMO #: 036440 RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 16-8 THRU 16-10

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	38	24	20	14	5	3	3	6	9	17	28	29	196
01	32	24	21	15	4	4	1	7	8	18	29	30	193
02	35	29	25	11	5	9	2	5	12	17	25	29	204
03	32	23	24	13	7	5	2	4	10	25	23	32	200
04	34	21	20	14	6	6	2	5	14	23	30	30	205
05	30	22	15	12	5	3	2	4	10	25	29	31	188
06	31	22	23	15	10	5	1	7	7	28	24	30	203
07	37	24	27	18	16	10	7	11	14	30	28	37	259
08	40	26	30	22	26	7	10	13	18	30	32	39	293
09	36	32	38	32	25	16	18	16	22	33	40	41	349
10	43	29	54	38	28	15	14	21	29	37	41	43	392
11	45	41	49	35	41	18	20	25	44	50	51	51	470
12	48	43	58	36	46	20	20	27	41	48	53	53	493
13	52	41	58	34	45	16	26	28	50	51	51	44	496
14	50	42	59	36	45	18	25	28	42	47	49	41	482
15	35	45	54	35	44	22	20	30	36	35	44	36	436
16	37	34	48	38	40	20	22	24	38	35	35	35	406
17	39	31	34	25	37	17	27	23	29	28	30	39	359
18	32	28	28	23	20	19	14	16	17	22	26	36	281
19	31	27	28	16	10	10	5	7	12	21	28	35	230
20	25	25	27	16	7	11	5	8	9	23	19	29	204
21	26	23	22	17	7	8	2	6	7	20	21	27	186
22	28	24	16	15	3	8	0	7	11	14	24	28	178
23	33	22	18	17	4	5	2	7	8	17	21	26	180
ALL	869	702	796	547	486	275	250	335	497	694	781	851	7083

TABLE 16-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	45	36	25	0	0	*	25	25	18	33	8	28
01	38	55	56	0	100	50	0	0	25	38	42	7	35
02	50	56	36	0	100	100	0	100	50	29	53	21	44
03	45	33	14	33	100	0	*	33	50	25	42	38	34
04	17	40	46	0	0	*	*	0	33	33	50	46	36
05	36	14	64	33	0	0	100	0	50	33	38	0	34
06	33	29	40	33	0	0	*	*	0	27	36	10	27
07	31	0	44	17	33	0	*	0	0	38	9	44	27
08	29	38	33	29	30	0	*	14	100	27	25	46	30
09	54	0	29	7	25	20	0	13	17	25	29	47	26
10	59	8	44	20	18	0	0	29	17	33	20	23	27
11	54	6	27	13	17	0	0	43	0	10	29	30	21
12	50	7	39	17	15	17	0	9	14	14	19	16	21
13	40	0	34	7	25	0	11	17	0	22	33	21	21
14	38	19	39	24	15	30	9	11	0	21	24	19	23
15	54	7	30	11	5	38	0	0	8	33	27	28	21
16	35	12	29	17	0	25	0	13	14	36	19	36	22
17	36	23	39	25	0	0	0	0	33	44	29	36	27
18	36	25	27	20	13	0	0	0	40	50	40	24	27
19	18	20	29	29	50	0	0	0	67	17	25	22	23
20	27	38	29	50	0	0	0	50	75	33	36	24	32
21	21	21	30	43	0	*	*	0	67	17	45	19	27
22	39	36	30	17	50	*	*	33	60	0	54	13	33
23	27	36	50	0	50	*	*	50	20	13	64	20	33
ALL	38	22	36	18	16	15	5	15	22	26	33	25	27

STATION: RAF GREENHAM COMMON, UK WMO #: 036440 RUNWAY HEADING: 110-290

TABLE 16-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	7	0	0	25	0	0	*	0	0	0	0	0	2
01	6	18	0	0	0	0	0	0	0	0	0	0	4
02	0	11	0	0	0	0	0	0	0	0	0	0	1
03	0	0	0	33	0	0	*	0	0	0	0	0	1
04	8	0	8	25	0	*	*	0	0	0	0	0	4
05	9	0	9	33	0	0	0	0	0	0	0	0	4
06	0	0	0	33	0	0	*	*	0	0	0	0	1
07	6	14	6	17	0	0	*	0	0	0	0	0	4
08	7	0	8	14	0	0	*	0	0	0	0	0	3
09	8	0	5	7	0	0	0	0	0	0	0	0	2
10	6	0	4	7	0	0	0	0	0	0	0	0	2
11	0	12	0	6	0	0	0	0	0	0	0	0	2
12	0	14	3	0	0	0	0	0	0	0	0	0	2
13	7	20	0	0	0	0	0	0	0	0	0	0	2
14	5	6	0	0	0	0	0	0	0	0	0	0	1
15	8	0	0	5	0	0	0	0	0	0	0	0	1
16	12	12	0	17	0	0	0	0	0	0	0	0	4
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	8	0	10	0	0	0	0	0	0	0	0	2
19	0	10	0	0	0	0	0	0	0	0	0	0	1
20	9	25	0	0	0	0	0	0	0	0	0	0	3
21	0	14	0	0	0	*	*	0	0	0	0	0	2
22	0	0	0	17	0	*	*	0	0	0	0	0	1
23	7	0	0	33	0	*	*	0	0	0	0	0	2
ALL	4	7	2	8	0	0	0	0	0	0	0	0	2

TABLE 16-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	25	9	0	0	0	*	0	0	0	0	0	5
01	5	17	11	0	0	0	0	0	0	0	0	0	4
02	0	18	9	0	0	0	0	0	0	0	0	0	3
03	0	10	7	0	0	0	*	0	0	0	0	0	2
04	7	18	8	0	0	*	*	0	0	0	0	0	4
05	7	13	9	0	0	0	0	0	0	0	0	0	4
06	0	0	6	0	0	0	*	0	0	0	0	0	1
07	6	22	6	0	0	0	*	0	0	0	0	0	4
08	6	10	8	0	0	0	*	0	0	0	0	0	3
09	7	20	9	0	0	0	0	0	0	0	0	0	3
10	5	31	4	0	0	0	0	0	0	0	0	0	3
11	0	15	0	0	0	0	0	0	0	0	0	0	2
12	0	19	3	0	0	0	0	0	0	0	0	0	2
13	5	13	0	0	0	0	0	0	0	0	0	0	1
14	4	17	0	0	0	0	0	0	0	0	0	0	2
15	6	0	0	0	0	0	0	0	0	0	0	0	1
16	5	17	0	0	0	0	0	0	0	0	0	0	2
17	0	23	0	0	0	0	0	0	0	0	0	0	2
18	0	17	0	0	0	0	0	0	0	0	0	0	2
19	0	30	0	0	0	0	0	0	0	0	0	0	3
20	0	25	0	0	0	0	0	0	0	0	0	0	2
21	0	36	10	0	0	*	*	0	0	0	0	0	7
22	6	36	10	0	0	*	*	0	0	0	0	0	7
23	7	36	0	0	0	*	*	0	0	0	0	0	6
ALL	4	19	4	0	0	0	0	0	0	0	0	0	3

STATION: RAF GREENHAM COMMON, UK WMO #: 036440

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 16-11 THRU 16-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	18	12	11	4	2	1	0	5	4	11	19	13	100
01	21	12	9	4	1	2	1	3	4	8	13	15	93
02	18	11	11	2	1	2	1	1	6	7	17	16	93
03	12	10	14	3	1	1	0	4	4	13	13	13	88
04	15	11	13	4	1	0	0	2	3	9	15	16	89
05	14	8	11	3	1	1	1	2	4	12	16	9	82
06	14	8	16	3	4	2	0	1	4	11	15	11	89
07	18	9	16	7	3	2	0	2	4	13	11	10	95
08	18	10	12	8	12	3	0	7	3	15	18	13	119
09	15	10	22	15	5	5	4	8	7	16	19	20	146
10	19	13	27	15	15	6	4	8	14	15	21	22	179
11	18	20	24	16	16	5	6	7	12	21	25	21	191
12	17	16	32	13	15	6	6	11	16	22	22	21	197
13	19	15	32	15	16	8	9	12	19	23	26	26	220
14	25	18	33	17	24	10	11	9	13	20	22	23	225
15	17	15	27	20	22	8	6	12	14	19	18	19	197
16	22	18	21	14	13	8	6	8	17	16	18	23	184
17	17	13	18	9	12	7	5	7	8	18	14	23	151
18	14	12	15	10	8	5	2	7	5	12	15	27	132
19	11	10	14	7	2	3	1	3	3	12	12	24	102
20	11	8	14	4	1	1	1	2	4	9	14	22	91
21	14	14	10	7	2	0	0	1	3	6	11	17	85
22	18	11	10	6	2	0	0	4	5	6	13	15	90
23	15	11	10	3	2	0	0	3	5	8	11	15	83
ALL	400	295	422	209	181	86	64	129	181	322	398	434	3121

TABLE 16-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	44	67	60	*	*	*	*	*	33	0	56	33	48
01	57	67	80	*	*	*	*	*	50	0	44	0	41
02	57	60	33	0	*	*	*	*	50	50	83	20	52
03	50	67	17	*	*	*	*	*	33	33	50	67	46
04	33	0	67	*	0	*	*	*	0	50	40	67	44
05	25	*	75	*	*	*	100	*	0	67	60	0	48
06	33	100	33	50	0	*	*	*	0	50	50	33	39
07	33	0	57	0	0	*	*	*	0	43	13	67	0
08	50	33	20	0	100	*	*	*	100	40	0	50	39
09	67	0	29	0	100	100	*	0	50	30	40	63	41
10	86	0	40	29	100	0	*	50	50	33	38	43	43
11	75	0	25	20	25	0	*	0	0	13	31	25	24
12	67	0	36	0	14	25	*	0	33	18	31	25	25
13	38	0	31	0	25	0	33	0	0	14	46	40	24
14	63	0	44	0	38	33	0	0	0	33	44	25	32
15	57	0	30	14	0	75	0	0	17	20	25	33	27
16	60	100	30	50	0	50	0	50	29	43	33	22	35
17	33	20	50	33	0	0	0	0	100	60	50	50	38
18	50	33	60	33	50	0	0	0	50	50	33	33	39
19	14	50	25	100	100	*	0	0	100	50	0	43	36
20	33	75	25	50	0	*	*	*	67	0	40	25	36
21	20	100	60	100	0	*	*	*	100	33	60	14	47
22	36	67	75	0	100	*	*	*	67	0	100	0	47
23	25	75	50	0	100	*	*	0	33	33	80	17	43
ALL	46	38	42	20	30	31	18	9	34	33	42	33	36

STATION: RAF GREENHAM COMMON, UK WMO #: 036440

RUNWAY HEADING: 110-290

TABLE 16-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	*	*	0	0	0	0	0
01	0	33	0	*	*	*	*	*	0	0	0	0	3
02	0	20	0	0	*	*	*	*	0	0	0	0	3
03	0	0	0	*	*	*	*	*	0	0	0	0	0
04	0	0	0	*	0	*	*	*	0	0	0	0	0
05	0	*	0	*	*	*	0	*	0	0	0	0	0
06	0	0	0	50	0	*	*	*	0	0	0	0	4
07	0	0	14	50	0	*	*	*	0	0	0	0	5
08	0	0	20	0	0	*	*	*	0	0	0	0	4
09	0	0	14	0	0	0	*	0	0	0	0	0	2
10	0	0	0	14	0	0	*	0	0	0	0	0	2
11	0	25	0	0	0	0	*	0	0	0	0	0	2
12	0	0	0	0	0	0	*	0	0	0	0	0	0
13	0	25	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	25	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	*	0	0	0	0	0	0	0
20	0	0	0	0	0	*	*	*	0	0	0	0	0
21	0	0	0	0	0	*	*	*	0	0	0	0	0
22	0	0	0	0	0	*	*	*	0	0	0	0	0
23	0	0	0	50	0	*	*	0	0	0	0	0	3
ALL	0	5	2	8	0	0	0	0	0	0	0	0	1

TABLE 16-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	33	0	*	*	*	*	*	0	0	0	0	3
01	0	0	0	*	*	*	*	*	0	0	0	0	0
02	0	17	0	0	*	*	*	*	0	0	0	0	3
03	0	0	0	*	*	*	*	*	0	0	0	0	0
04	0	0	0	*	0	*	*	*	0	0	0	0	0
05	0	0	0	*	*	*	0	*	0	0	0	0	0
06	0	0	0	0	0	*	*	*	0	0	0	0	0
07	0	0	0	0	0	*	*	*	0	0	0	0	0
08	0	0	20	0	0	*	*	*	0	0	0	0	3
09	0	0	14	0	0	0	*	0	0	0	0	0	2
10	0	50	0	0	0	0	*	0	0	0	0	0	2
11	0	20	0	0	0	0	*	0	0	0	0	0	2
12	0	0	0	0	0	0	*	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	*	0	0	0	0	0	0	0
20	0	0	0	0	0	*	*	*	0	0	0	0	0
21	0	0	0	0	0	*	*	*	0	0	0	0	0
22	0	0	0	0	0	*	*	*	0	0	0	0	0
23	0	0	0	0	0	*	*	0	0	0	0	0	0
ALL	0	5	1	0	0	0	0	0	0	0	0	0	1

STATION: RAF GREENHAM COMMON, UK WMO #: 036440 RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 16-14 THRU 16-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	3	5	0	0	0	0	0	3	1	10	3	34
01	8	3	5	0	0	0	0	0	2	3	9	9	39
02	8	6	3	1	0	0	0	0	2	2	6	5	33
03	9	4	6	0	0	0	0	0	3	3	6	6	37
04	8	2	6	0	1	0	0	0	1	4	5	3	30
05	5	1	4	0	0	0	1	0	1	3	5	3	23
06	7	2	6	2	1	0	0	0	1	2	6	3	30
07	6	4	7	2	1	0	0	0	3	7	8	6	44
08	5	4	5	1	2	0	0	0	1	5	3	4	30
09	7	2	7	3	1	1	0	2	3	10	11	8	55
10	8	2	10	7	1	1	0	2	3	9	8	7	58
11	5	5	8	5	4	1	0	2	3	8	13	8	62
12	4	4	11	3	7	4	0	2	7	11	14	12	79
13	9	4	14	8	5	3	3	4	6	7	13	10	86
14	10	4	16	5	9	6	2	2	6	10	10	12	92
15	8	5	10	8	3	4	1	1	8	10	8	9	75
16	8	1	10	5	3	2	1	2	10	7	6	9	64
17	6	5	6	7	4	2	1	2	2	10	2	10	57
18	6	3	5	3	2	2	1	1	2	4	6	9	44
19	7	4	4	1	1	0	1	1	2	4	4	8	37
20	6	4	4	2	1	0	0	0	3	3	5	9	37
21	5	3	5	1	1	0	0	0	2	3	5	7	32
22	11	3	4	1	1	0	0	0	3	1	4	6	34
23	4	4	6	2	1	0	0	1	3	3	5	6	35
ALL	169	82	167	67	49	26	11	22	80	130	172	172	1147

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

TABLE 17-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	19	15	9	4	5	4	3	2	5	10	16	20	9
01	22	18	11	5	3	2	3	2	6	9	17	20	10
02	21	17	11	5	4	4	4	2	6	9	16	21	10
03	20	17	9	7	3	4	3	4	5	10	15	20	10
04	19	18	11	5	3	4	3	3	5	10	16	20	10
05	20	17	11	5	4	3	3	3	6	12	15	18	10
06	21	17	12	7	7	3	4	3	5	11	14	20	10
07	19	17	12	7	7	5	6	4	7	11	13	17	10
08	21	19	12	12	8	6	10	4	10	14	16	22	13
09	21	20	13	11	9	8	10	7	11	15	16	21	13
10	25	26	16	13	11	8	11	9	12	16	16	20	15
11	23	23	16	15	11	11	13	9	12	14	15	21	15
12	21	22	17	13	11	13	13	9	13	15	15	21	15
13	20	22	14	14	11	12	14	9	12	14	15	22	15
14	19	18	13	13	12	8	13	9	11	14	15	20	14
15	19	20	12	10	10	8	13	8	10	11	13	17	13
16	16	16	11	12	9	9	10	6	9	11	16	19	12
17	17	13	8	9	8	8	8	6	7	7	14	18	10
18	19	12	7	6	6	3	6	3	5	8	12	17	9
19	19	13	8	6	3	3	5	2	4	8	14	18	9
20	19	15	9	5	4	4	4	1	5	9	13	21	9
21	19	15	8	5	3	2	3	0	5	8	17	21	9
22	20	15	8	6	2	2	4	2	6	8	18	22	9
23	21	17	9	6	4	2	3	2	4	11	16	22	10
ALL	20	18	11	8	7	6	7	5	8	11	15	20	11

TABLE 17-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	10	5	3	1	1	1	1	1	2	3	7	10	4
01	10	6	6	1	0	1	1	1	3	3	7	10	4
02	11	6	4	1	1	2	1	1	3	4	7	9	4
03	9	6	4	3	1	1	1	1	2	4	6	8	4
04	9	6	4	2	2	2	1	1	2	3	6	8	4
05	10	8	5	1	2	1	1	1	2	5	6	8	4
06	10	5	4	3	2	1	1	1	1	4	6	8	4
07	9	5	6	1	2	1	2	1	2	4	6	6	4
08	8	6	6	4	2	2	4	1	2	4	7	8	5
09	8	8	6	5	4	2	2	3	3	5	8	9	5
10	10	11	8	5	5	2	3	2	4	6	7	8	6
11	7	10	7	6	4	3	4	3	4	5	6	9	6
12	9	10	6	5	5	4	4	3	4	6	6	10	6
13	8	8	5	6	4	4	6	3	3	6	6	10	6
14	9	7	7	6	5	3	5	3	3	6	7	8	6
15	9	9	5	4	4	3	3	2	3	5	8	7	5
16	8	6	4	5	2	4	3	2	4	4	5	6	4
17	9	4	3	2	3	2	2	1	3	3	5	7	4
18	7	6	4	2	2	1	2	1	1	3	4	7	3
19	11	6	4	1	1	1	2	0	1	4	6	7	4
20	9	6	3	3	1	1	2	0	1	5	7	9	4
21	10	6	3	2	1	1	1	0	2	3	9	8	4
22	9	7	4	3	1	1	1	0	1	2	8	7	4
23	10	7	4	2	1	1	2	1	2	3	8	11	4
ALL	9	7	5	3	2	2	2	1	2	4	6	8	4

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

TABLE 17-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	1	1	1	0	0	0	0	0	1	1	3	1
01	4	2	2	1	0	0	0	0	0	1	1	3	1
02	4	2	1	0	0	0	0	0	0	1	2	3	1
03	3	3	1	1	0	0	0	0	0	1	2	2	1
04	4	3	0	1	1	0	0	0	0	1	2	3	1
05	4	3	2	1	1	0	0	0	0	1	2	4	1
06	3	1	2	1	0	0	0	0	0	1	2	3	1
07	3	2	2	0	0	0	0	0	0	1	2	2	1
08	3	3	2	0	0	0	1	0	0	2	2	3	1
09	3	2	2	1	1	0	0	0	1	2	1	4	2
10	3	5	1	1	1	0	1	0	1	2	1	3	2
11	3	3	2	2	1	1	1	0	0	2	3	3	2
12	3	1	1	1	1	0	1	0	1	2	1	4	1
13	4	2	2	1	2	0	2	0	1	2	1	4	2
14	3	2	2	2	0	0	1	0	0	1	2	2	1
15	4	2	2	1	1	1	0	0	0	1	1	2	1
16	4	2	1	1	1	0	1	0	0	1	1	2	1
17	4	1	0	1	0	0	0	0	0	1	2	2	1
18	3	2	1	0	0	0	0	0	0	1	1	2	1
19	4	2	1	1	0	0	0	0	0	1	2	3	1
20	5	3	1	1	0	0	0	0	0	1	2	3	1
21	4	4	1	0	0	0	0	0	0	1	3	1	1
22	4	2	2	1	0	0	0	0	0	1	1	3	1
23	4	3	1	0	0	0	0	0	0	1	2	3	1
ALL	4	2	1	1	1	0	0	0	0	1	2	3	1

TABLE 17-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	1	0	0	0	0	0	0	0	1	0
01	1	0	0	0	0	0	0	0	0	0	0	1	0
02	1	1	1	0	0	0	0	0	0	0	1	0	0
03	1	0	0	1	0	0	0	0	0	1	1	1	0
04	1	1	0	0	1	0	0	0	0	1	1	1	1
05	1	1	1	0	0	0	0	0	0	0	0	1	0
06	0	1	0	0	0	0	0	0	0	0	0	1	0
07	1	0	1	0	0	0	0	0	0	1	0	0	0
08	1	1	0	0	0	0	0	0	0	1	0	1	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	1	0	0	0	0	0	0	0	1	0	1	0
11	0	1	0	0	1	0	0	0	0	1	0	0	0
12	1	1	0	0	1	0	0	0	0	1	0	1	0
13	1	1	0	0	1	0	0	0	0	1	0	1	1
14	1	0	1	1	0	0	0	0	0	0	0	0	0
15	1	0	0	0	0	0	0	0	0	0	0	1	0
16	1	0	0	1	0	0	0	0	0	1	0	1	0
17	1	0	0	0	0	0	0	0	0	0	1	1	0
18	1	0	0	0	0	0	0	0	0	0	0	1	0
19	2	0	0	0	0	0	0	0	0	0	1	1	0
20	1	1	1	0	0	0	0	0	0	0	0	1	0
21	1	2	0	0	0	0	0	0	0	0	0	0	0
22	0	1	1	0	0	0	0	0	0	0	0	0	0
23	1	1	0	0	0	0	0	0	0	0	1	1	0
ALL	1	1	0	0	0	0	0	0	0	0	0	1	0

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 17-1 THRU 17-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	424	390	423	382	393	392	419	425	413	432	411	419	4923
01	420	392	425	389	395	394	422	429	410	430	413	418	4937
02	430	390	421	390	396	395	423	429	418	427	410	421	4950
03	429	386	429	392	397	394	420	429	417	429	412	425	4959
04	423	384	429	389	398	393	424	428	415	429	413	418	4943
05	430	386	427	388	394	397	421	428	417	427	413	420	4948
06	429	385	429	387	396	399	423	428	411	426	414	425	4952
07	429	382	427	405	416	405	418	422	415	430	411	424	4984
08	429	382	426	405	418	406	421	424	419	427	413	426	4996
09	428	383	426	401	416	404	422	430	416	426	410	425	4987
10	429	376	425	404	412	401	420	427	415	426	414	421	4970
11	425	381	425	399	413	407	423	432	415	427	415	425	4987
12	428	375	421	401	409	405	426	429	413	427	414	425	4973
13	424	380	423	395	409	403	420	426	416	428	413	425	4962
14	425	379	423	399	412	407	425	429	413	426	410	424	4972
15	426	379	426	400	409	406	424	431	411	430	411	422	4975
16	425	380	426	381	392	393	420	424	416	424	411	425	4917
17	425	384	432	386	391	394	426	429	414	429	409	423	4942
18	426	381	426	385	395	393	428	430	415	425	410	426	4940
19	424	386	433	384	399	392	424	427	415	426	409	423	4942
20	428	391	429	391	395	398	426	432	419	428	415	420	4972
21	427	384	431	387	399	397	423	429	417	426	411	421	4952
22	427	387	429	390	397	394	423	427	415	425	414	422	4950
23	428	384	430	386	397	394	424	426	410	425	408	418	4930
		9207		9416		9563		10270		10255		10141	
ALL	10238		10241		9648		10145		9955		9884		118923

TABLE 17-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	23	12	33	40	26	36	31	0	36	32	23	20	24
01	20	16	44	53	31	38	29	25	19	28	21	14	23
02	18	9	30	38	36	24	27	40	25	28	20	15	21
03	20	14	25	27	31	25	23	19	36	36	17	24	23
04	26	17	23	19	8	36	27	27	30	27	25	16	22
05	22	17	27	19	13	33	27	8	12	25	23	25	22
06	17	9	23	31	15	15	28	23	21	30	25	21	21
07	24	11	25	21	10	23	21	12	28	22	24	21	21
08	17	8	13	8	18	15	17	6	10	14	24	27	16
09	15	5	18	16	19	6	17	3	5	13	25	19	14
10	17	7	16	14	11	13	13	5	6	14	21	24	14
11	18	7	15	17	9	12	9	3	4	18	23	20	14
12	16	11	10	13	7	22	6	10	23	14	21	23	15
13	21	11	18	19	9	10	7	5	8	18	19	23	15
14	20	9	18	24	15	18	20	14	29	19	17	13	17
15	17	20	21	23	13	30	15	11	26	23	23	15	19
16	17	15	19	18	14	25	14	22	18	20	21	23	19
17	17	12	26	14	22	29	21	0	28	24	25	12	18
18	10	16	33	5	22	31	4	23	45	25	23	15	19
19	10	10	41	36	27	25	32	22	13	21	18	18	21
20	18	12	29	21	31	53	27	20	33	20	25	22	23
21	17	10	28	28	27	56	43	0	21	27	29	23	23
22	18	11	39	33	56	33	13	50	22	21	22	15	21
23	18	14	28	26	21	17	62	0	18	26	20	18	20
ALL	19	12	23	21	17	22	17	12	19	22	22	20	19

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

TABLE 17-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	19	16	18	0	0	0	0	0	0	0	8	14	10
01	15	17	7	11	0	0	0	0	0	0	4	18	10
02	25	11	19	14	0	0	0	0	0	0	9	16	12
03	21	9	25	8	0	0	0	0	0	0	8	13	11
04	17	10	10	10	0	0	0	0	0	0	3	18	9
05	17	6	12	19	0	0	0	0	0	0	13	19	11
06	25	13	21	12	7	0	0	0	0	0	7	11	12
07	13	9	16	4	3	0	0	0	0	0	6	10	7
08	12	14	21	10	6	0	0	0	0	2	4	8	8
09	14	16	18	11	3	0	0	0	0	0	4	8	8
10	20	13	13	8	0	0	0	0	0	0	9	13	8
11	21	11	12	7	0	0	0	0	0	0	6	17	8
12	20	11	10	8	0	0	0	0	0	0	5	17	7
13	19	16	7	4	0	0	0	0	0	0	5	15	7
14	14	14	9	4	0	0	0	0	0	0	13	20	8
15	21	12	11	3	0	0	0	0	0	0	8	13	7
16	23	11	13	9	0	0	0	0	0	0	8	15	8
17	19	22	9	6	0	0	0	0	0	0	11	16	10
18	22	13	3	5	0	0	0	0	0	0	10	12	9
19	18	10	12	5	0	0	0	0	0	0	5	13	9
20	15	12	11	11	0	0	0	0	0	0	2	14	8
21	25	17	6	11	0	0	0	0	0	0	3	9	10
22	20	11	6	0	0	0	0	0	0	0	7	9	8
23	18	6	13	13	0	0	0	0	0	0	9	18	10
ALL	19	12	13	7	1	0	0	0	0	0	7	14	9

TABLE 17-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	35	63	23	0	0	0	0	0	0	0	17	39	25
01	39	57	20	11	0	0	0	0	0	3	15	43	27
02	36	59	23	10	7	0	0	0	0	3	17	40	27
03	41	63	23	8	0	0	0	0	0	2	20	37	27
04	35	59	23	10	8	0	0	0	0	5	23	39	27
05	41	56	27	5	0	0	0	0	0	4	27	40	28
06	42	63	29	8	0	0	0	0	0	2	27	35	28
07	38	63	24	7	0	0	0	0	0	2	28	42	25
08	35	62	31	4	0	0	0	0	0	0	19	41	23
09	40	73	21	5	0	0	0	0	0	0	21	34	22
10	41	67	18	0	0	0	0	0	0	0	15	36	21
11	41	47	13	2	0	0	0	0	0	0	11	32	17
12	39	45	10	2	0	0	0	0	0	0	14	32	15
13	26	38	5	2	0	0	0	0	0	0	10	33	13
14	28	41	4	4	0	0	0	0	0	0	15	36	14
15	40	43	2	3	0	0	0	0	0	0	11	42	16
16	43	45	4	2	0	0	0	0	0	0	11	39	16
17	37	53	9	0	0	0	0	0	0	0	23	41	20
18	44	57	7	0	0	0	0	0	0	0	21	34	22
19	35	43	12	5	0	0	0	0	0	0	20	37	22
20	35	57	8	5	0	0	0	0	0	0	14	35	23
21	37	56	8	6	0	0	0	0	0	0	13	35	24
22	36	57	3	0	0	0	0	0	0	0	22	44	26
23	33	48	21	9	0	0	0	0	0	0	24	41	26
ALL	37	55	15	4	0	0	0	0	0	1	18	38	22

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 17-5 THRU 17-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	79	57	39	15	19	13	13	10	22	44	65	85	461
01	90	68	45	19	13	8	13	8	26	40	72	83	485
02	87	66	47	21	14	17	15	10	24	39	66	87	493
03	83	64	40	26	13	16	13	16	22	45	60	82	480
04	81	68	48	21	13	14	11	11	20	44	65	82	478
05	85	66	49	20	16	12	11	12	26	53	60	77	487
06	90	64	52	26	27	13	18	13	19	46	56	84	508
07	81	64	51	28	30	22	24	17	29	49	54	69	518
08	88	73	52	49	33	26	41	17	39	58	68	92	636
09	90	77	56	44	36	33	41	31	43	63	67	89	670
10	105	96	67	51	44	31	47	39	49	70	67	84	750
11	97	87	68	60	46	42	55	37	51	59	62	88	752
12	88	82	72	52	46	51	54	39	53	66	63	87	753
13	81	82	60	57	44	49	57	38	49	60	62	95	734
14	79	70	57	50	49	33	56	37	45	59	60	86	681
15	80	76	53	40	39	33	55	35	43	47	53	72	626
16	69	60	48	44	37	36	44	27	38	45	66	80	594
17	71	49	34	36	32	31	34	24	29	29	56	76	501
18	78	44	30	22	23	13	25	13	22	36	48	73	427
19	80	51	34	22	11	12	22	9	16	33	56	75	421
20	81	56	38	19	16	15	15	5	21	39	56	88	449
21	83	59	36	18	11	9	14	2	19	33	68	89	441
22	84	56	36	24	9	9	15	8	23	33	73	91	461
23	88	65	39	22	14	6	13	10	17	46	66	90	476
	1600			786		544		468		1136		2004	
ALL	2018		1151		635		706		745		1489		13282

TABLE 17-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	29	21	38	60	0	80	17	0	57	50	23	30	32
01	16	25	52	75	*	75	40	25	33	43	18	23	29
02	17	12	39	25	67	50	67	40	38	47	14	21	25
03	21	27	41	36	40	67	40	25	44	53	26	28	32
04	33	27	29	25	0	17	75	40	38	33	33	23	30
05	28	26	41	20	0	50	50	33	38	38	21	32	30
06	22	5	16	36	13	20	60	40	50	37	31	34	27
07	29	10	25	17	0	33	33	17	40	21	33	28	25
08	22	8	12	7	30	13	31	17	0	22	18	36	20
09	25	6	16	14	17	14	25	7	7	19	35	27	19
10	25	12	24	14	16	10	17	0	6	28	31	29	20
11	32	8	17	13	0	14	17	0	6	29	35	30	18
12	24	16	12	14	0	31	11	7	22	24	17	24	18
13	28	16	24	30	12	19	8	0	9	31	19	33	22
14	25	12	23	24	15	27	25	18	33	29	19	19	22
15	23	18	32	27	19	43	14	0	9	38	32	17	24
16	18	17	28	28	0	29	17	11	35	33	29	30	24
17	19	18	33	11	50	63	22	0	18	33	30	14	24
18	13	27	27	13	14	50	10	0	0	21	22	7	17
19	17	13	47	60	50	0	30	0	33	28	32	24	26
20	15	13	47	30	75	60	14	50	75	27	37	30	29
21	16	13	29	17	0	50	33	0	43	42	26	32	25
22	13	11	50	45	50	40	0	50	50	40	30	29	27
23	22	15	35	25	0	0	43	0	14	43	25	15	22
ALL	22	15	29	24	16	32	23	12	26	33	27	26	24

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

TABLE 17-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	15	16	15	0	0	0	0	0	0	0	3	18	10
01	16	17	8	0	*	0	0	0	0	0	4	18	10
02	21	8	22	25	0	0	0	0	0	0	7	16	12
03	11	9	29	9	0	0	0	0	0	0	4	17	10
04	17	5	18	13	0	0	0	0	0	0	8	17	10
05	12	10	14	20	0	0	0	0	0	0	17	9	9
06	20	19	16	9	0	0	0	0	0	0	4	9	10
07	16	24	17	0	0	0	0	0	0	0	0	12	9
08	11	8	16	7	0	0	0	0	0	0	7	3	6
09	6	13	20	19	0	0	0	0	0	0	6	8	8
10	14	14	12	10	0	0	0	0	0	0	10	12	8
11	16	15	10	0	0	0	0	0	0	0	13	14	8
12	8	14	8	9	0	0	0	0	0	0	4	15	6
13	6	16	5	0	0	0	0	0	0	0	0	14	5
14	18	23	7	8	0	0	0	0	0	0	15	16	9
15	23	6	14	7	0	0	0	0	0	0	10	13	9
16	26	13	17	6	0	0	0	0	0	0	10	11	10
17	14	18	7	11	0	0	0	0	0	0	15	21	10
18	23	5	7	13	0	0	0	0	0	0	6	7	8
19	21	9	18	0	0	0	0	0	0	0	0	14	10
20	13	13	13	20	0	0	0	0	0	0	4	11	9
21	30	13	7	17	0	0	0	0	0	0	5	15	13
22	30	15	13	0	0	0	0	0	0	0	6	6	12
23	24	11	12	0	0	0	0	0	0	0	13	17	13
ALL	17	13	13	8	0	0	0	0	0	0	7	13	9

TABLE 17-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	27	63	23	0	0	0	0	0	0	0	17	33	24
01	28	57	24	0	*	0	0	0	0	0	14	32	24
02	30	72	11	0	0	0	0	0	0	0	25	39	27
03	30	64	18	9	0	0	0	0	0	0	17	29	23
04	17	59	12	13	0	0	0	0	0	0	21	29	20
05	26	52	18	0	0	0	0	0	0	5	21	26	23
06	33	52	21	9	0	0	0	0	0	5	27	17	22
07	29	67	21	0	0	0	0	0	0	0	17	21	20
08	20	50	24	7	0	0	0	0	0	0	21	29	19
09	17	71	28	5	0	0	0	0	0	0	19	19	19
10	26	63	21	0	0	0	0	0	0	0	10	24	19
11	29	62	17	0	0	0	0	0	0	0	13	19	17
12	24	51	12	0	0	0	0	0	0	0	13	28	15
13	16	35	5	0	0	0	0	0	0	0	12	14	9
14	28	42	3	8	0	0	0	0	0	0	15	25	13
15	33	33	0	7	0	0	0	0	0	0	16	37	16
16	35	35	6	0	0	0	0	0	0	0	10	22	13
17	30	47	13	0	0	0	0	0	0	0	15	28	18
18	27	41	7	0	0	0	0	0	0	0	17	14	15
19	30	41	6	0	0	0	0	0	0	0	8	30	19
20	30	45	0	10	0	0	0	0	0	0	4	16	15
21	28	52	0	17	0	0	0	0	0	0	13	26	20
22	38	62	0	0	0	0	0	0	0	0	18	29	24
23	32	56	24	0	0	0	0	0	0	0	16	38	26
ALL	28	53	14	3	0	0	0	0	0	0	16	26	19

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 17-8 THRU 17-10

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	41	19	13	5	3	4	6	4	7	14	30	40	186
01	43	23	25	4	0	4	5	4	12	14	28	38	200
02	47	25	18	4	3	6	3	5	13	15	28	38	205
03	37	22	17	11	5	3	5	4	9	17	23	35	188
04	35	22	17	8	6	6	4	5	8	12	24	35	182
05	42	31	22	4	7	4	4	3	8	21	24	34	204
06	39	21	19	11	8	5	5	5	6	19	26	35	199
07	38	21	24	6	9	6	9	6	10	19	24	24	196
08	35	24	25	15	10	8	16	6	7	17	28	35	226
09	35	31	25	21	18	7	8	14	14	21	31	37	262
10	43	43	34	21	19	10	12	9	17	25	29	34	296
11	31	39	29	24	18	14	18	15	17	20	23	37	285
12	37	37	26	22	19	16	19	14	18	25	23	40	296
13	32	31	21	23	17	16	24	11	11	26	26	42	280
14	40	26	30	25	20	11	20	11	12	24	27	32	278
15	39	33	22	15	16	14	14	9	11	21	31	30	255
16	34	23	18	18	8	14	12	9	17	15	21	27	216
17	37	17	15	9	10	8	9	5	11	12	20	29	182
18	30	22	15	8	7	4	10	3	4	14	18	29	164
19	47	22	17	5	4	2	10	1	3	18	25	27	181
20	40	22	15	10	4	5	7	2	4	21	27	37	194
21	43	23	14	6	2	4	6	1	7	12	39	34	191
22	40	26	16	11	4	5	6	2	4	10	33	31	188
23	41	27	17	7	3	2	7	4	7	14	32	45	206
ALL	926	630	494	293	220	178	239	152	237	426	640	825	5260

TABLE 17-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	42	25	33	50	*	*	0	*	0	50	17	46	37
01	17	29	43	50	*	*	100	*	0	20	20	31	27
02	28	29	60	0	100	*	100	0	50	67	30	36	37
03	36	18	50	25	100	100	*	*	0	33	44	63	39
04	33	17	0	33	0	*	100	*	50	33	44	27	29
05	31	0	44	50	0	100	*	0	*	25	25	40	28
06	42	0	14	75	0	*	100	100	100	67	43	45	43
07	38	22	0	0	0	*	100	*	*	33	29	40	29
08	33	9	14	0	0	0	50	0	0	25	25	57	29
09	29	11	20	0	0	0	50	50	0	25	33	25	21
10	50	0	25	0	0	0	33	0	0	33	50	46	25
11	42	0	11	0	0	0	33	0	0	50	46	50	27
12	45	20	17	17	0	50	25	0	0	29	20	47	28
13	31	0	43	20	14	0	14	0	0	56	33	26	25
14	23	13	50	67	0	*	50	0	100	50	50	29	38
15	31	22	14	40	33	67	50	*	50	67	33	40	36
16	24	0	0	40	0	0	25	0	0	40	40	67	27
17	25	25	50	0	0	*	50	*	*	50	44	11	29
18	8	22	33	0	0	100	0	*	*	20	33	14	20
19	32	0	80	50	*	*	0	*	100	17	44	38	34
20	22	10	67	0	100	*	0	*	*	40	38	25	26
21	19	7	75	0	*	*	*	*	*	40	45	50	30
22	11	14	57	67	*	*	*	*	*	50	33	36	31
23	24	10	67	0	0	*	50	*	0	40	44	36	32
ALL	29	11	34	28	10	33	38	13	19	40	37	38	30

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

TABLE 17-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	0	33	0	*	*	0	*	0	0	0	31	12
01	11	14	0	0	*	*	0	*	0	0	0	31	12
02	28	0	20	0	0	*	0	0	0	0	10	14	14
03	18	9	25	0	0	0	*	*	0	0	0	13	9
04	7	0	0	33	0	*	0	*	0	0	11	18	8
05	13	10	11	0	0	0	*	0	*	0	25	7	10
06	8	20	29	0	0	*	0	0	0	0	14	9	11
07	15	22	14	0	0	*	0	*	*	0	0	0	9
08	0	0	14	0	0	0	0	0	0	0	13	0	3
09	0	11	0	0	0	0	0	0	0	0	33	6	5
10	8	18	0	0	0	0	0	0	0	0	33	8	9
11	8	27	22	0	0	0	0	0	0	0	8	8	9
12	0	20	17	17	0	0	0	0	0	0	20	13	8
13	6	22	0	0	0	0	0	0	0	0	0	16	7
14	23	25	0	0	0	*	0	0	0	0	0	0	8
15	25	11	29	0	0	0	0	*	0	0	0	30	14
16	35	33	20	0	0	0	0	0	0	0	0	0	15
17	19	25	0	0	0	*	0	*	*	0	0	44	16
18	42	11	0	100	0	0	0	*	*	0	0	14	16
19	26	13	0	0	*	*	0	*	0	0	0	8	11
20	17	0	33	33	0	*	0	*	*	0	0	17	12
21	25	14	0	0	*	*	*	*	*	0	0	0	11
22	26	14	14	0	*	*	*	*	*	0	0	9	14
23	24	10	0	0	0	*	0	*	0	0	11	21	14
ALL	17	13	11	5	0	0	0	0	0	0	7	13	10

TABLE 17-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	17	75	33	0	*	*	0	*	0	0	0	15	16
01	22	57	29	0	*	*	0	*	0	0	0	18	21
02	28	71	20	0	0	*	0	0	0	0	10	36	27
03	27	82	25	25	0	0	*	*	0	0	11	13	28
04	13	75	50	33	0	*	0	*	0	0	22	36	31
05	25	70	22	0	0	0	*	0	*	0	13	20	24
06	27	80	29	0	0	*	0	0	0	0	14	18	22
07	15	67	14	0	0	*	0	*	*	0	14	20	22
08	8	64	29	0	0	0	0	0	0	0	0	14	17
09	23	67	20	0	0	0	0	0	0	0	0	25	19
10	17	65	25	0	0	0	0	0	0	0	0	15	20
11	17	45	44	0	0	0	0	0	0	0	15	17	18
12	18	60	17	0	0	0	0	0	0	0	40	21	16
13	13	44	0	0	0	0	0	0	0	0	0	26	12
14	31	25	0	0	0	*	0	0	0	0	13	14	13
15	25	44	0	0	0	0	0	*	0	0	17	40	19
16	35	50	20	0	0	0	0	0	0	0	20	11	19
17	31	50	0	0	0	*	0	*	*	0	0	44	22
18	42	44	17	0	0	0	0	*	*	0	0	29	24
19	26	38	0	0	*	*	0	*	0	0	0	17	16
20	39	30	0	0	0	*	0	*	*	0	0	17	21
21	38	50	0	0	*	*	*	*	*	0	0	0	23
22	37	67	0	0	*	*	*	*	*	0	17	27	26
23	29	80	0	0	0	*	0	*	0	0	11	15	25
ALL	26	58	16	3	0	0	0	0	0	0	9	22	20

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 17-11 THRU 17-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	12	4	3	2	0	0	1	0	2	6	6	13	49
01	18	7	7	2	0	0	1	0	2	5	5	11	58
02	18	7	5	1	1	0	1	1	2	3	10	14	63
03	11	11	4	4	1	1	0	0	2	6	9	8	57
04	15	12	2	3	4	0	1	0	2	3	9	11	62
05	16	10	9	2	4	1	0	2	0	4	8	15	71
06	11	5	7	4	1	0	1	1	1	6	7	11	55
07	13	9	7	1	1	0	1	0	0	6	7	10	55
08	12	11	7	1	2	1	4	1	1	7	8	14	69
09	13	9	10	5	3	2	2	2	3	8	6	16	79
10	12	17	4	4	5	1	3	2	3	9	6	13	79
11	12	11	9	6	4	4	3	2	1	7	13	12	84
12	11	5	6	6	6	2	4	1	3	7	5	14	70
13	16	9	7	5	7	1	7	2	3	9	6	19	91
14	13	8	8	6	2	0	4	1	1	6	8	7	64
15	16	9	7	5	3	3	2	0	2	6	6	10	69
16	17	6	5	5	2	1	4	1	2	5	5	9	62
17	16	4	2	2	1	0	2	0	0	6	9	9	51
18	12	9	6	1	1	1	1	0	0	5	6	7	49
19	19	8	5	2	0	0	2	0	1	6	9	12	64
20	23	10	3	3	1	0	1	0	0	5	8	12	66
21	16	14	4	1	0	0	0	0	0	5	11	6	57
22	19	6	7	3	0	0	0	0	0	6	6	11	58
23	17	10	6	1	1	0	2	0	1	5	9	13	65
ALL	358	211	140	75	50	18	47	16	32	141	182	277	1547

TABLE 17-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	67	0	0	50	*	*	*	*	*	*	0	60	46
01	50	100	100	0	*	*	*	*	*	*	0	75	58
02	50	50	67	0	*	*	*	*	*	100	67	50	55
03	50	100	0	33	*	*	*	*	0	25	50	75	46
04	50	50	0	*	0	*	*	*	100	33	75	50	48
05	33	0	0	*	0	*	*	*	*	0	*	50	20
06	0	0	*	0	*	*	100	*	100	50	0	75	43
07	67	*	0	*	0	*	*	*	*	33	50	0	31
08	67	0	0	*	0	*	100	*	*	67	0	75	40
09	*	0	0	*	0	*	*	100	*	0	50	0	25
10	75	0	*	*	0	0	*	*	0	50	50	67	41
11	50	0	100	0	0	*	100	*	*	67	0	50	33
12	100	33	50	0	0	0	*	0	*	33	0	40	38
13	20	0	50	0	33	*	50	*	*	40	100	50	36
14	40	0	67	100	0	*	100	*	*	0	100	100	59
15	60	*	0	0	*	100	0	*	*	100	100	40	47
16	17	0	0	50	*	*	*	*	0	33	100	100	37
17	50	*	100	*	*	*	*	*	*	*	33	0	38
18	0	*	50	0	*	100	*	*	*	*	0	25	25
19	50	0	100	*	*	*	*	*	*	*	33	67	53
20	50	0	67	0	100	*	0	*	*	0	50	20	36
21	33	0	100	*	*	*	*	*	*	*	*	50	27
22	0	0	67	100	*	*	*	*	*	50	100	50	43
23	0	50	100	*	0	*	*	*	*	0	100	33	37
ALL	44	17	45	35	10	50	63	50	40	40	51	51	41

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

TABLE 17-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	100	0	*	*	*	*	*	*	0	20	15
01	25	0	0	0	*	*	*	*	*	*	0	0	9
02	17	0	33	0	*	*	*	*	*	0	0	0	10
03	0	0	100	0	*	*	*	*	0	0	0	0	4
04	0	0	0	*	0	*	*	*	0	0	0	50	8
05	0	0	33	*	0	*	*	*	*	0	*	0	7
06	0	50	*	0	*	*	0	*	0	0	0	0	7
07	0	*	0	*	0	*	*	*	*	0	0	0	0
08	0	0	0	*	0	*	0	*	*	0	0	0	0
09	*	0	0	*	0	*	*	0	*	0	0	0	0
10	25	33	*	*	0	0	*	*	0	0	50	0	14
11	0	50	0	0	0	*	0	*	*	0	100	0	17
12	0	33	0	100	0	0	*	0	*	0	0	40	17
13	0	0	0	0	0	*	0	*	*	0	0	25	4
14	40	100	0	0	0	*	0	*	*	0	0	0	19
15	0	*	0	0	*	0	0	*	*	0	0	20	6
16	50	0	0	0	*	*	*	*	0	0	0	0	16
17	17	*	0	*	*	*	*	*	*	*	0	67	23
18	100	*	0	100	*	0	*	*	*	*	0	0	33
19	25	0	0	*	*	*	*	*	*	*	0	0	12
20	33	0	33	0	0	*	0	*	*	0	0	0	14
21	33	0	0	*	*	*	*	*	*	*	*	0	13
22	0	0	0	0	*	*	*	*	*	0	0	0	0
23	20	0	0	*	0	*	*	*	*	0	0	33	16
ALL	19	13	13	10	0	0	0	0	0	0	5	14	11

TABLE 17-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	100	0	0	*	*	*	*	*	*	0	20	15
01	25	0	0	0	*	*	*	*	*	*	0	0	9
02	17	50	33	0	*	*	*	*	*	0	33	0	25
03	0	0	100	0	*	*	*	*	0	0	0	0	4
04	0	50	100	*	0	*	*	*	0	0	0	25	15
05	0	0	67	*	0	*	*	*	*	0	*	0	13
06	0	100	*	0	*	*	0	*	0	0	100	0	23
07	0	*	0	*	0	*	*	*	*	0	0	0	0
08	0	75	0	*	0	*	0	*	*	0	0	0	15
09	*	0	100	*	0	*	*	0	*	0	0	0	13
10	0	67	*	*	0	0	*	*	0	0	0	0	9
11	0	25	0	0	0	*	0	*	*	0	0	0	6
12	0	33	0	0	0	0	*	0	*	0	0	25	9
13	20	50	0	0	0	*	0	*	*	0	0	25	12
14	40	0	0	0	0	*	0	*	*	0	0	0	12
15	0	*	0	0	*	0	0	*	*	0	0	20	6
16	33	100	0	0	*	*	*	*	0	0	0	0	16
17	33	*	0	*	*	*	*	*	*	*	0	67	31
18	67	*	0	0	*	0	*	*	*	*	0	0	17
19	13	100	0	*	*	*	*	*	*	*	0	0	12
20	33	0	0	0	0	*	0	*	*	0	0	20	14
21	33	67	0	*	*	*	*	*	*	*	*	0	40
22	0	67	0	0	*	*	*	*	*	0	0	0	14
23	20	50	0	*	0	*	*	*	*	0	0	17	15
ALL	17	50	15	0	0	0	0	0	0	0	5	11	14

STATION: HAHN AB, FRG

WMO #: 106160

RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 17-14 THRU 17-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	1	1	2	0	0	0	0	0	0	1	5	13
01	4	1	1	1	0	0	0	0	0	0	1	3	11
02	6	4	3	1	0	0	0	0	0	1	3	2	20
03	4	1	1	3	0	0	0	0	1	4	6	4	24
04	6	4	1	0	2	0	0	0	1	3	4	4	25
05	3	2	3	0	1	0	0	0	0	2	0	4	15
06	1	2	0	1	0	0	1	0	1	2	1	4	13
07	3	0	3	0	1	0	0	0	0	3	2	1	13
08	3	4	1	0	2	0	1	0	0	3	2	4	20
09	0	1	1	0	1	0	0	1	0	1	2	1	8
10	4	3	0	0	2	1	0	0	1	6	2	3	22
11	2	4	1	1	3	0	1	0	0	3	1	2	18
12	4	3	2	1	3	1	0	1	0	3	1	4	23
13	5	2	2	1	3	0	2	0	0	5	1	4	25
14	5	1	3	3	1	0	1	0	0	1	1	1	17
15	5	0	2	1	0	1	1	0	0	1	1	5	17
16	6	1	2	2	0	0	0	0	1	3	1	3	19
17	6	0	1	0	0	0	0	0	0	0	3	3	13
18	3	0	2	1	0	1	0	0	0	0	1	4	12
19	8	1	2	0	0	0	0	0	0	0	3	3	17
20	6	2	3	1	1	0	1	0	0	1	2	5	22
21	6	6	1	0	0	0	0	0	0	0	0	2	15
22	2	3	3	1	0	0	0	0	0	2	1	2	14
23	5	2	1	0	1	0	0	0	0	1	3	6	19
ALL	100	48	40	20	21	4	8	2	5	45	43	79	415

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

TABLE 18-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	1	1	0	3	1	1	0	2	1	3	4	2
01	6	1	1	1	0	1	0	0	2	4	3	3	2
02	7	2	1	0	0	4	3	0	1	1	4	5	2
03	11	3	3	1	1	1	1	0	1	5	2	3	3
04	6	1	1	5	1	2	1	1	2	1	1	4	2
05	5	4	2	2	1	1	0	0	1	2	2	6	2
06	7	4	4	2	2	4	1	0	1	4	2	6	3
07	8	2	5	2	3	3	1	0	2	5	2	6	3
08	7	5	7	8	3	3	1	1	4	4	2	5	4
09	9	4	10	7	5	4	3	2	4	6	3	6	5
10	9	5	11	7	7	5	1	3	4	7	5	5	6
11	11	6	11	9	6	5	3	4	5	7	7	6	7
12	11	4	13	10	7	7	6	5	6	7	6	10	8
13	9	8	13	9	8	9	3	4	6	5	6	9	7
14	8	6	10	8	8	7	4	6	7	6	5	9	7
15	8	4	10	11	7	7	4	6	6	3	4	7	6
16	6	4	10	10	8	6	3	3	3	4	4	5	6
17	6	3	7	7	5	5	1	3	3	4	3	8	5
18	7	3	5	4	3	4	1	1	1	3	4	6	3
19	7	3	4	2	4	1	1	1	1	3	5	8	3
20	7	2	4	2	2	1	0	0	1	2	3	3	2
21	7	2	3	3	1	0	0	0	1	3	3	3	2
22	6	1	2	1	1	1	0	0	0	0	2	4	1
23	7	0	0	1	1	1	0	0	1	3	5	2	2
ALL	8	4	7	6	4	4	2	2	3	4	4	6	4

TABLE 18-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	0	1	0	1	1	0	0	0	1	1	1	1
01	0	0	0	0	0	1	0	0	0	0	1	0	0
02	4	1	0	0	0	4	0	0	0	0	1	2	1
03	5	1	0	0	0	0	0	0	1	1	1	0	1
04	3	0	0	1	0	0	0	1	1	0	1	1	1
05	4	0	0	0	0	0	0	0	0	1	0	2	1
06	4	1	1	0	1	1	0	0	0	2	1	4	1
07	3	1	2	1	2	1	0	0	1	2	0	1	1
08	4	1	3	3	1	1	0	0	2	2	1	2	2
09	4	2	4	2	1	2	0	0	1	2	1	2	2
10	4	2	5	3	3	1	1	0	2	3	1	1	2
11	4	3	5	2	2	1	0	1	1	3	2	4	2
12	4	2	6	6	2	1	1	2	1	4	1	6	3
13	3	3	6	4	3	2	1	1	2	2	2	4	3
14	3	2	4	3	3	2	1	2	2	3	1	4	3
15	2	2	3	4	2	3	0	1	2	2	1	4	2
16	3	1	4	3	2	1	1	1	1	2	1	2	2
17	3	1	3	2	3	1	0	0	0	1	3	3	2
18	2	1	1	3	1	1	0	0	0	1	1	2	1
19	3	1	2	1	1	1	0	0	0	0	1	1	1
20	2	0	2	1	1	0	0	0	0	0	0	3	1
21	3	1	1	1	0	0	0	0	0	1	1	0	1
22	2	1	0	0	0	0	0	0	0	0	1	0	0
23	3	0	0	0	0	1	0	0	1	1	3	1	1
ALL	3	1	3	2	2	1	0	1	1	2	1	3	2

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

TABLE 18-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	1	1	0	0	0	0	1	0	0
01	0	0	0	0	0	1	0	0	0	0	0	0	0
02	0	0	0	0	0	4	0	0	0	0	0	0	0
03	2	0	0	0	0	0	0	0	0	0	0	0	0
04	3	0	0	0	0	0	0	0	0	0	0	0	0
05	1	0	0	0	0	0	0	0	0	0	0	2	0
06	2	0	0	0	0	0	0	0	0	0	0	1	0
07	1	0	0	1	0	1	0	0	0	1	0	1	0
08	0	0	0	0	0	0	0	0	1	0	0	1	0
09	1	0	1	0	0	0	0	0	0	1	0	2	0
10	1	1	1	1	1	0	0	0	1	1	0	1	1
11	0	1	2	0	0	0	0	0	1	1	1	1	1
12	0	1	1	0	0	0	0	0	0	0	0	1	0
13	0	0	2	0	0	0	0	0	0	1	0	1	0
14	1	0	1	0	1	1	0	0	0	0	0	1	0
15	1	0	0	0	0	0	0	0	0	1	0	1	0
16	1	0	1	1	0	0	0	0	0	1	0	1	0
17	0	0	0	0	1	0	0	0	0	0	0	1	0
18	1	0	0	0	0	0	0	0	0	0	0	1	0
19	1	0	1	0	0	1	0	0	0	0	0	0	0
20	1	0	0	0	0	0	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	1	0	0
23	2	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	0	1	0	0	0	0	0	0	0	0	1	0

TABLE 18-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	1	0	0	0	0	0	0	0
01	0	0	0	0	0	1	0	0	0	0	0	0	0
02	0	0	0	0	0	4	0	0	0	0	0	0	0
03	1	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	1	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	1	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	1	0	0	1	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 18-1 THRU 18-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	111	91	96	69	76	73	73	80	132	82	80	79	1042
01	107	87	99	71	78	71	69	90	134	85	80	79	1050
02	107	88	99	69	73	73	71	85	143	88	82	81	1059
03	114	90	103	75	80	79	74	87	140	85	82	78	1087
04	116	90	108	104	99	107	100	111	168	86	79	78	1246
05	166	139	172	285	303	307	289	317	295	145	125	124	2667
06	305	287	307	297	310	314	297	326	314	313	293	268	3631
07	320	285	317	305	322	309	299	313	325	315	293	286	3689
08	321	279	319	300	317	302	306	321	321	319	292	285	3682
09	313	283	329	307	308	298	304	322	315	317	283	286	3665
10	311	274	323	289	309	302	307	325	318	321	288	283	3650
11	316	276	319	286	309	293	299	332	317	312	289	289	3637
12	309	263	313	287	309	299	303	334	315	305	291	291	3619
13	308	264	319	294	306	298	291	321	298	304	285	277	3565
14	301	275	319	291	303	294	294	321	297	291	288	288	3562
15	314	266	318	290	303	288	305	322	284	303	276	277	3546
16	296	271	309	276	297	285	304	324	295	304	279	283	3523
17	281	256	308	276	291	286	299	322	293	291	262	219	3384
18	271	259	289	269	279	275	292	301	283	283	256	202	3259
19	257	244	284	275	271	271	285	291	283	260	244	191	3156
20	187	171	232	256	251	268	282	296	272	215	203	155	2788
21	176	172	190	233	228	253	273	265	259	196	187	137	2569
22	119	84	99	79	83	144	156	108	143	79	83	81	1258
23	114	86	96	74	75	74	69	86	136	76	78	82	1046
	4880		5357		5563		6000		5375		4699		
ALL	5540		5667		5580		5641		6080		4998		65380

TABLE 18-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	44	100	0	*	100	0	100	*	33	100	50	33	50
01	17	0	0	0	*	0	*	*	0	67	50	0	20
02	38	0	0	*	*	0	50	*	0	100	33	0	24
03	50	0	33	0	0	0	0	*	0	50	50	50	34
04	43	0	0	20	0	0	100	0	0	100	0	0	22
05	33	20	33	43	25	50	*	0	0	100	33	25	34
06	40	25	18	40	14	9	0	0	0	67	40	47	33
07	42	20	20	29	36	10	25	*	0	40	40	38	31
08	33	15	17	33	33	22	0	0	8	42	0	13	23
09	33	27	9	9	19	8	0	20	0	28	25	29	18
10	29	47	19	30	18	13	25	0	23	29	15	27	23
11	32	24	14	20	5	13	0	15	27	18	5	24	18
12	18	45	15	17	14	25	12	18	21	23	11	23	19
13	18	33	15	19	22	12	20	8	11	31	0	46	20
14	28	24	15	23	20	14	0	11	5	29	20	15	17
15	38	36	16	16	14	20	9	6	19	40	25	32	21
16	26	33	26	26	22	25	20	0	0	17	30	33	23
17	35	38	19	20	38	21	33	10	25	38	13	35	27
18	28	0	43	17	14	20	0	0	0	38	22	31	24
19	37	14	27	33	40	50	100	0	0	14	0	13	24
20	43	25	40	20	25	100	100	0	0	0	17	0	30
21	38	25	0	43	33	0	*	*	0	40	33	25	30
22	57	0	100	0	100	0	*	*	*	*	50	0	44
23	63	*	*	0	100	100	*	*	0	50	50	0	48
ALL	33	28	19	22	22	18	15	9	12	34	18	27	23

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

TABLE 18-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	0	0	0	*	0	0	0	0	0
01	0	0	0	0	*	0	*	*	0	0	0	0	0
02	13	50	0	*	*	0	0	*	0	0	0	0	8
03	8	33	0	0	0	0	0	*	0	0	0	0	6
04	0	100	0	0	0	0	0	0	0	0	0	0	4
05	0	20	0	0	0	0	*	0	0	0	0	0	2
06	10	0	0	0	0	0	0	0	0	0	0	0	2
07	0	20	7	0	0	0	0	*	0	0	0	0	2
08	4	8	9	0	0	0	0	0	0	0	0	0	3
09	4	0	3	0	0	0	0	0	0	0	0	0	1
10	4	0	6	0	0	0	0	0	0	0	0	0	1
11	6	6	0	0	0	0	0	0	0	0	0	0	1
12	6	0	0	0	0	0	0	0	0	0	0	0	1
13	18	10	2	0	0	0	0	0	0	0	0	0	3
14	8	6	0	5	0	0	0	0	0	0	7	0	2
15	13	9	0	3	0	0	0	0	0	0	0	0	2
16	11	0	0	4	0	6	0	0	0	0	0	0	2
17	12	0	0	0	0	0	0	0	0	0	0	0	1
18	11	0	0	8	0	0	0	0	0	0	0	0	3
19	26	0	9	17	0	0	0	0	0	0	9	0	8
20	0	0	10	0	0	0	0	0	0	0	17	0	4
21	8	0	0	0	0	0	*	*	0	0	17	0	4
22	0	100	0	0	0	0	*	*	*	*	0	0	6
23	0	*	*	0	0	0	*	*	0	0	0	0	0
ALL	8	6	2	2	0	0	0	0	0	0	2	0	2

TABLE 18-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	0	0	0	*	0	0	0	0	0
01	0	0	0	0	*	0	*	*	0	0	0	0	0
02	0	0	0	*	*	0	0	*	0	0	0	0	0
03	0	33	0	0	0	0	0	*	0	0	0	0	3
04	0	100	0	0	0	0	0	0	0	0	0	33	7
05	0	20	0	0	0	0	*	0	0	0	0	0	2
06	5	8	18	0	0	0	0	0	0	0	20	0	5
07	0	40	7	0	0	0	0	*	0	0	0	6	3
08	0	31	4	4	0	0	0	0	0	0	0	0	4
09	8	0	7	0	0	0	0	0	0	0	0	0	2
10	11	7	0	0	0	0	0	0	0	0	15	0	3
11	9	6	0	0	0	0	0	0	0	0	10	0	3
12	6	0	0	0	0	0	0	0	0	0	6	0	1
13	11	10	0	0	0	0	0	0	0	0	0	0	2
14	8	12	0	0	0	0	0	0	0	0	13	0	2
15	8	18	0	0	0	0	0	0	0	0	8	5	3
16	11	8	0	0	0	0	0	0	0	0	11	0	2
17	6	13	0	0	0	0	0	0	0	0	13	0	2
18	6	29	7	0	0	0	0	0	0	0	11	8	6
19	16	14	0	0	0	0	0	0	0	0	9	0	5
20	0	25	10	0	0	0	0	0	0	0	17	0	5
21	8	0	20	0	0	0	*	*	0	0	33	0	8
22	0	0	0	0	0	0	*	*	*	*	0	0	0
23	0	*	*	0	0	*	*	*	0	0	0	0	0
ALL	6	13	2	0	0	0	0	0	0	0	9	1	3

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 18-5 THRU 18-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	1	1	0	2	1	1	0	3	1	2	3	24
01	6	1	1	1	0	1	0	0	3	3	2	2	20
02	8	2	1	0	0	3	1	0	1	1	3	4	24
03	12	3	3	1	1	1	1	0	2	4	2	2	32
04	7	1	1	5	1	2	1	1	3	1	1	3	27
05	9	5	3	7	4	1	0	1	2	3	3	8	46
06	20	12	11	5	7	11	3	1	2	11	5	17	105
07	26	5	15	7	11	10	4	0	7	15	5	16	121
08	24	13	23	24	9	9	3	2	12	12	7	15	153
09	25	11	30	23	16	11	9	5	12	18	8	17	185
10	28	15	36	20	22	16	4	11	13	21	13	15	214
11	34	17	35	25	19	15	8	13	15	22	20	17	240
12	32	10	41	30	22	19	17	17	19	22	17	29	275
13	28	20	41	26	23	26	10	12	16	16	15	26	259
14	25	17	33	21	24	21	13	18	22	17	15	26	252
15	24	11	32	30	21	20	10	18	16	10	12	19	223
16	19	12	31	27	23	16	10	11	10	12	9	15	195
17	17	8	21	20	15	14	3	10	8	13	8	16	153
18	17	7	14	12	7	10	2	2	4	8	9	13	105
19	19	7	11	6	10	4	2	2	4	6	11	15	97
20	14	4	10	5	4	2	1	1	2	4	6	4	57
21	13	3	5	7	3	1	0	0	2	5	6	4	49
22	7	1	2	1	1	1	0	0	0	0	2	3	18
23	8	0	0	1	1	0	0	0	2	2	4	2	20
ALL	431	186	401	304	246	215	103	125	180	227	185	291	2894

TABLE 18-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	25	*	0	*	100	0	*	*	*	100	100	100	50
01	*	*	*	*	*	0	*	*	*	*	0	*	0
02	50	0	*	*	*	0	*	*	*	*	100	0	27
03	67	0	*	*	*	*	*	*	0	100	0	*	50
04	100	*	*	0	*	*	*	0	0	*	0	0	38
05	50	*	*	100	0	0	*	0	*	100	*	67	50
06	38	33	0	100	0	0	*	*	0	60	67	60	39
07	45	50	14	25	20	0	*	*	0	43	100	25	30
08	42	0	13	44	50	33	0	0	0	80	0	29	31
09	42	33	14	29	0	0	*	0	0	33	0	14	21
10	42	60	19	63	22	0	50	*	0	50	33	25	33
11	50	43	18	33	14	0	0	25	50	11	14	9	24
12	38	50	17	19	14	75	0	0	25	36	33	29	27
13	25	57	17	18	25	17	0	0	0	40	0	27	21
14	10	50	8	20	20	14	0	17	0	38	25	18	18
15	29	20	40	23	20	11	0	0	20	33	50	27	26
16	40	50	36	50	43	25	67	0	0	33	100	40	39
17	33	67	38	33	50	50	0	0	100	33	14	57	39
18	33	0	25	29	0	0	*	*	0	75	50	25	28
19	57	0	33	50	67	50	*	*	0	0	0	0	34
20	67	*	50	0	50	100	*	0	*	0	0	0	32
21	40	50	0	50	*	0	*	*	*	50	0	*	33
22	50	0	*	*	*	*	*	*	*	*	100	*	50
23	67	*	*	*	*	100	*	*	0	100	50	0	56
ALL	42	38	21	32	27	17	18	7	9	43	28	29	29

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

TABLE 18-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	*	0	0	*	*	*	0	0	0	0
01	*	*	*	*	*	0	*	*	*	*	0	*	0
02	25	0	*	*	*	0	*	*	*	*	0	0	9
03	17	0	*	*	*	*	*	*	0	0	0	*	10
04	0	*	*	0	*	*	*	0	0	*	0	0	0
05	0	*	*	0	0	0	*	0	*	0	*	0	0
06	8	0	0	0	0	0	*	*	0	0	0	0	2
07	0	0	14	0	0	0	*	*	0	0	0	0	2
08	8	0	0	0	0	0	0	0	0	0	0	0	2
09	0	0	7	0	0	0	*	0	0	0	0	0	1
10	0	0	6	0	0	0	0	*	0	0	0	0	1
11	8	0	0	0	0	0	0	0	0	0	0	0	1
12	8	0	0	0	0	0	0	0	0	0	0	0	1
13	13	14	0	0	0	0	0	0	0	0	0	0	2
14	20	17	0	0	0	0	0	0	0	0	0	0	3
15	29	20	0	0	0	0	0	0	0	0	0	0	4
16	10	0	0	13	0	0	0	0	0	0	0	0	3
17	22	0	0	0	0	0	0	0	0	0	0	0	4
18	17	0	0	14	0	0	*	*	0	0	0	0	6
19	14	0	0	0	0	0	*	*	0	0	0	0	3
20	0	*	0	0	0	0	*	0	*	0	0	0	0
21	20	0	0	0	*	0	*	*	*	0	50	*	13
22	0	100	*	*	*	*	*	*	*	*	0	*	25
23	0	*	*	*	*	0	*	*	0	0	0	0	0
ALL	10	6	2	2	0	0	0	0	0	0	2	0	3

TABLE 18-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	*	0	0	*	*	*	0	0	0	0
01	*	*	*	*	*	0	*	*	*	*	0	*	0
02	0	0	*	*	*	0	*	*	*	*	0	0	0
03	0	0	*	*	*	*	*	*	0	0	0	*	0
04	0	*	*	0	*	*	*	0	0	*	0	0	0
05	0	*	*	0	0	0	*	0	*	0	*	0	0
06	0	0	33	0	0	0	*	*	0	0	0	0	2
07	0	0	14	0	0	0	*	*	0	0	0	0	2
08	0	33	0	0	0	0	0	0	0	0	0	0	2
09	17	0	8	0	0	0	*	0	0	0	0	0	4
10	17	0	0	0	0	0	0	*	0	0	0	0	3
11	8	14	0	0	0	0	0	0	0	0	14	0	3
12	15	0	0	0	0	0	0	0	0	0	0	0	2
13	0	14	0	0	0	0	0	0	0	0	0	0	1
14	10	17	0	0	0	0	0	0	0	0	0	0	2
15	14	20	0	0	0	0	0	0	0	0	0	0	3
16	10	0	0	0	0	0	0	0	0	0	0	0	1
17	11	0	0	0	0	0	0	0	0	0	14	0	4
18	20	0	0	0	0	0	*	*	0	0	0	0	3
19	29	0	0	0	0	0	*	*	0	0	0	0	7
20	0	*	0	0	0	0	*	0	*	0	0	0	0
21	20	0	0	0	*	0	*	*	*	0	100	*	21
22	0	0	*	*	*	*	*	*	*	*	0	*	0
23	0	*	*	*	*	*	*	*	0	0	0	0	0
ALL	8	7	2	0	0	0	0	0	0	0	7	0	3

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 18-8 THRU 18-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	0	1	0	1	1	0	0	0	1	1	1	10
01	0	0	0	0	0	1	0	0	0	0	1	0	2
02	4	1	0	0	0	3	0	0	0	0	1	2	11
03	6	1	0	0	0	0	0	0	1	1	1	0	10
04	3	0	0	1	0	0	0	1	1	0	1	1	8
05	6	0	0	1	1	1	0	1	0	1	0	3	14
06	13	3	3	1	3	4	0	0	1	4	3	10	45
07	11	2	7	4	5	4	0	0	2	7	1	4	47
08	12	3	8	9	4	3	1	1	5	5	3	7	61
09	12	6	13	7	4	6	0	1	3	6	2	7	67
10	12	5	16	8	9	3	2	0	6	10	3	4	78
11	12	7	17	6	7	3	1	4	4	9	7	11	88
12	13	6	18	16	7	4	2	6	4	11	3	17	107
13	8	7	18	11	8	6	2	3	6	5	4	11	89
14	10	6	12	10	9	7	4	6	7	8	4	11	94
15	7	5	10	12	5	9	1	2	5	6	4	11	77
16	10	4	11	8	7	4	3	3	4	6	2	5	67
17	9	3	8	6	7	2	1	1	1	3	7	7	55
18	5	3	4	7	2	3	0	0	1	4	2	4	35
19	7	3	6	2	3	2	0	0	1	1	3	1	29
20	3	0	4	2	2	1	0	1	0	1	1	4	19
21	5	1	1	2	0	1	0	0	0	2	2	0	14
22	2	1	0	0	0	0	0	0	0	0	1	0	4
23	3	0	0	0	0	0	0	0	1	1	2	1	8
ALL	177	67	157	113	84	68	17	30	53	92	59	122	1039

TABLE 18-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	*	*	*	100	0	*	*	*	*	100	*	75
01	*	*	*	*	*	0	*	*	*	*	*	*	0
02	*	*	*	*	*	0	*	*	*	*	*	*	0
03	100	*	*	*	*	*	*	*	*	*	*	*	100
04	100	*	*	*	*	*	*	*	*	*	*	*	100
05	100	*	*	*	0	*	*	*	*	*	*	50	60
06	43	*	*	100	0	0	*	*	*	0	*	100	53
07	100	*	0	0	0	0	*	*	0	50	*	50	31
08	100	*	100	0	*	*	*	*	0	*	*	33	33
09	100	*	50	0	*	0	*	*	0	50	*	20	40
10	100	100	50	100	50	0	*	*	0	33	*	50	50
11	100	67	0	100	*	0	*	0	50	50	50	33	36
12	0	50	0	0	0	*	0	*	0	100	0	25	19
13	*	*	20	100	*	0	*	*	0	33	*	25	27
14	0	*	0	100	33	0	0	*	*	100	*	0	20
15	50	*	0	0	100	100	*	*	100	33	*	50	50
16	0	*	100	50	*	0	0	*	*	67	*	50	50
17	0	*	100	0	50	100	*	*	100	100	0	100	64
18	33	*	*	0	*	*	*	*	0	*	*	50	29
19	50	0	0	*	100	50	*	*	*	0	*	*	33
20	100	*	*	*	0	100	*	*	*	*	0	*	50
21	100	*	*	*	*	0	*	*	*	*	*	*	50
22	*	*	*	*	*	*	*	*	*	*	100	*	100
23	50	*	*	*	*	*	*	*	*	*	*	*	50
ALL	63	63	29	44	40	19	0	0	19	48	43	43	41

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

TABLE 18-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	0	0	*	*	*	*	0	*	0
01	*	*	*	*	*	0	*	*	*	*	*	*	0
02	*	*	*	*	*	0	*	*	*	*	*	*	0
03	0	*	*	*	*	*	*	*	*	*	*	*	0
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	0	*	*	*	0	*	*	*	*	*	*	0	0
06	14	*	*	0	0	0	*	*	*	0	*	0	7
07	0	*	0	0	0	0	*	*	0	0	*	0	0
08	0	*	0	0	*	*	*	*	0	*	*	0	0
09	0	*	0	0	*	0	*	*	0	0	*	0	0
10	0	0	0	0	0	0	*	*	0	0	*	0	0
11	0	0	0	0	*	0	*	0	0	0	0	0	0
12	100	0	0	0	0	*	0	*	0	0	0	0	6
13	*	*	0	0	*	0	*	*	0	0	*	0	0
14	100	*	0	0	0	0	0	*	*	0	*	0	13
15	25	*	0	0	0	0	*	*	0	0	*	0	7
16	50	*	0	0	*	0	0	*	*	0	*	0	7
17	0	*	0	0	0	0	*	*	0	0	0	0	0
18	0	*	*	0	*	*	*	*	0	*	*	0	0
19	50	0	0	*	0	0	*	*	*	0	*	*	11
20	0	*	*	*	0	0	*	*	*	*	0	*	0
21	0	*	*	*	*	0	*	*	*	*	*	*	0
22	*	*	*	*	*	*	*	*	*	*	0	*	0
23	0	*	*	*	*	*	*	*	*	*	*	*	0
ALL	16	0	0	0	0	0	0	0	0	0	0	0	3

TABLE 18-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	0	0	*	*	*	*	0	*	0
01	*	*	*	*	*	0	*	*	*	*	*	*	0
02	*	*	*	*	*	0	*	*	*	*	*	*	0
03	0	*	*	*	*	*	*	*	*	*	*	*	0
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	0	*	*	*	0	*	*	*	*	*	*	0	0
06	0	*	*	0	0	0	*	*	*	*	*	0	0
07	0	*	100	0	0	0	*	*	0	0	*	0	8
08	0	*	0	0	*	*	*	*	0	*	*	0	0
09	0	*	0	0	*	0	*	*	0	0	*	0	0
10	0	0	0	0	0	0	*	*	0	0	*	0	0
11	0	0	0	0	*	0	*	0	0	0	0	0	0
12	100	0	0	0	0	*	0	*	0	0	0	0	6
13	*	*	0	0	*	0	*	*	0	0	*	0	0
14	50	*	0	0	0	0	0	*	*	0	*	0	7
15	25	*	0	0	0	0	*	*	0	0	*	0	7
16	50	*	0	0	*	0	0	*	*	0	*	0	7
17	0	*	0	0	0	0	*	*	0	0	0	0	0
18	50	*	*	0	*	*	*	*	0	*	*	0	17
19	50	0	0	*	0	0	*	*	*	0	*	*	11
20	0	*	*	*	0	0	*	*	*	*	0	*	0
21	0	*	*	*	*	0	*	*	*	*	*	*	0
22	*	*	*	*	*	*	*	*	*	*	0	*	0
23	0	*	*	*	*	*	*	*	*	*	*	*	0
ALL	14	0	3	0	0	0	0	0	0	0	0	0	3

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 18-11 THRU 18-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	1	1	0	0	0	0	1	0	4
01	0	0	0	0	0	1	0	0	0	0	0	0	1
02	0	0	0	0	0	3	0	0	0	0	0	0	3
03	2	0	0	0	0	0	0	0	0	0	0	0	2
04	3	0	0	0	0	0	0	0	0	0	0	0	3
05	2	0	0	0	1	0	0	0	0	0	0	2	5
06	7	0	0	1	1	1	0	0	0	0	0	4	14
07	2	0	1	2	1	2	0	0	1	2	0	2	13
08	1	0	1	1	0	0	0	0	3	0	0	3	9
09	3	0	1	1	0	1	0	0	1	2	0	5	14
10	2	2	4	2	2	1	0	0	4	3	0	2	22
11	1	3	6	1	0	1	0	1	2	2	2	3	22
12	1	2	3	1	1	0	1	0	1	1	1	4	16
13	0	0	5	1	0	1	0	0	1	3	0	4	15
14	2	0	2	1	2	2	1	0	0	1	0	3	14
15	4	0	1	1	1	1	0	0	1	3	0	2	14
16	2	0	3	2	0	1	1	0	0	3	0	2	14
17	1	0	1	1	1	1	0	0	1	1	1	2	10
18	2	0	0	1	0	0	0	0	1	0	0	2	6
19	2	1	2	0	1	2	0	0	0	1	0	0	9
20	1	0	0	0	1	1	0	0	0	0	1	0	4
21	1	0	0	0	0	1	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0	0	1	0	1
23	2	0	0	0	0	0	0	0	0	0	0	0	2
ALL	42	8	30	16	13	21	3	1	16	22	7	40	219

TABLE 18-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	*	*	*	*	0	*	*	*	*	*	*	50
01	*	*	*	*	*	0	*	*	*	*	*	*	0
02	*	*	*	*	*	0	*	*	*	*	*	*	0
03	100	*	*	*	*	*	*	*	*	*	*	*	100
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	0	*	*	*	*	*	*	0	0
06	0	*	*	*	*	0	*	*	*	0	*	*	0
07	100	*	*	0	0	0	*	*	0	*	*	100	33
08	100	*	*	*	*	*	*	*	*	*	*	100	100
09	*	*	*	*	*	*	*	*	0	0	*	*	0
10	100	*	50	*	*	*	*	*	0	*	*	*	50
11	*	100	*	*	*	*	*	0	*	*	*	0	33
12	*	*	*	*	*	*	0	*	*	100	*	*	50
13	*	*	0	100	*	*	*	*	*	0	*	100	50
14	0	*	*	100	*	0	*	*	*	*	*	*	33
15	50	*	*	*	*	*	*	*	*	*	*	0	33
16	0	*	100	0	*	*	*	*	*	0	*	*	25
17	*	*	100	*	0	100	*	*	100	100	*	*	80
18	33	*	*	*	*	*	*	*	*	*	*	*	33
19	0	0	0	*	*	50	*	*	*	0	*	*	14
20	*	*	*	*	0	*	*	*	*	*	*	*	0
21	*	*	*	*	*	0	*	*	*	*	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	50	50	43	50	0	17	0	0	25	29	*	50	34

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

TABLE 18-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	*	0	*	*	*	*	*	*	0
01	*	*	*	*	*	0	*	*	*	*	*	*	0
02	*	*	*	*	*	0	*	*	*	*	*	*	0
03	0	*	*	*	*	*	*	*	*	*	*	*	0
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	0	*	*	*	*	*	*	0	0
06	0	*	*	*	*	0	*	*	*	0	*	*	0
07	0	*	*	0	0	0	*	*	0	*	*	0	0
08	0	*	*	*	*	*	*	*	*	*	*	0	0
09	*	*	*	*	*	*	*	*	0	0	*	*	0
10	0	*	0	*	*	*	*	*	0	*	*	*	0
11	*	0	*	*	*	*	*	0	*	*	*	0	0
12	*	*	*	*	*	*	0	*	*	0	*	*	0
13	*	*	0	0	*	*	*	*	*	0	*	0	0
14	100	*	*	0	*	0	*	*	*	*	*	*	33
15	50	*	*	*	*	*	*	*	*	*	*	0	33
16	100	*	0	0	*	*	*	*	*	0	*	*	25
17	*	*	0	*	0	0	*	*	0	0	*	*	0
18	0	*	*	*	*	*	*	*	*	*	*	*	0
19	100	0	0	*	*	0	*	*	*	0	*	*	14
20	*	*	*	*	0	*	*	*	*	*	*	*	0
21	*	*	*	*	*	0	*	*	*	*	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	29	0	0	0	0	0	0	0	0	0	*	0	6

TABLE 18-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	*	0	*	*	*	*	*	*	0
01	*	*	*	*	*	0	*	*	*	*	*	*	0
02	*	*	*	*	*	0	*	*	*	*	*	*	0
03	0	*	*	*	*	*	*	*	*	*	*	*	0
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	0	*	*	*	*	*	*	0	0
06	0	*	*	*	*	0	*	*	*	*	*	*	0
07	0	*	*	0	0	0	*	*	0	*	*	0	0
08	0	*	*	*	*	*	*	*	*	*	*	0	0
09	*	*	*	*	*	*	*	*	0	0	*	*	0
10	0	*	0	*	*	*	*	*	0	*	*	*	0
11	*	0	*	*	*	*	*	0	*	*	*	0	0
12	*	*	*	*	*	*	0	*	*	0	*	*	0
13	*	*	0	0	*	*	*	*	*	0	*	0	0
14	100	*	*	0	*	0	*	*	*	*	*	*	33
15	50	*	*	*	*	*	*	*	*	*	*	0	33
16	100	*	0	0	*	*	*	*	*	0	*	*	25
17	*	*	0	*	*	0	*	*	0	0	*	*	0
18	50	*	*	*	*	*	*	*	*	*	*	*	50
19	100	0	0	*	*	0	*	*	*	0	*	*	14
20	*	*	*	*	0	*	*	*	*	*	*	*	0
21	*	*	*	*	*	0	*	*	*	*	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	38	0	0	0	0	0	0	0	0	0	*	0	8

STATION: HANAU AAF, FRG

WMO #: 106420

RUNWAY HEADING: 100-280

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 18-14 THRU 18-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	1	0	0	0	0	0	0	2
01	0	0	0	0	0	1	0	0	0	0	0	0	1
02	0	0	0	0	0	3	0	0	0	0	0	0	3
03	1	0	0	0	0	0	0	0	0	0	0	0	1
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	1	0	0	0	0	0	0	1	2
06	1	0	0	0	0	1	0	0	0	0	0	0	2
07	1	0	0	1	1	1	0	0	1	0	0	1	6
08	1	0	0	0	0	0	0	0	0	0	0	1	2
09	0	0	0	0	0	0	0	0	1	1	0	0	2
10	1	0	2	0	0	0	0	0	1	0	0	0	4
11	0	1	0	0	0	0	0	1	0	0	0	1	3
12	0	0	0	0	0	0	1	0	0	1	0	0	2
13	0	0	1	1	0	0	0	0	0	1	0	1	4
14	1	0	0	1	0	1	0	0	0	0	0	0	3
15	2	0	0	0	0	0	0	0	0	0	0	1	3
16	1	0	1	1	0	0	0	0	0	1	0	0	4
17	0	0	1	0	0	1	0	0	1	1	0	0	4
18	2	0	0	0	0	0	0	0	0	0	0	0	2
19	1	1	2	0	0	2	0	0	0	1	0	0	7
20	0	0	0	0	1	0	0	0	0	0	0	0	1
21	0	0	0	0	0	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	13	2	7	4	3	12	1	1	4	6	0	6	59

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

TABLE 19-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	1	3	2	0	0	1	0	0	1	3	2	1
01	2	1	2	1	1	1	0	0	1	2	2	2	1
02	3	1	2	2	1	0	0	0	0	1	2	3	1
03	3	1	2	1	1	0	0	0	0	1	2	4	1
04	3	1	2	1	0	0	0	0	0	1	2	2	1
05	2	2	2	2	1	1	0	0	1	1	2	3	1
06	2	2	2	3	0	1	0	0	1	2	1	3	1
07	2	2	3	3	1	0	0	0	1	2	1	3	2
08	2	2	4	2	1	2	2	2	2	2	1	5	2
09	3	2	5	4	2	2	1	2	1	3	2	4	3
10	3	2	4	2	2	3	1	2	2	2	3	4	3
11	3	3	4	4	2	3	2	2	2	2	3	3	3
12	4	3	6	5	4	3	1	2	1	2	4	3	3
13	5	2	5	5	2	3	2	2	2	2	2	3	3
14	4	2	5	5	2	2	2	4	1	2	4	3	3
15	3	2	6	4	3	1	1	2	2	2	2	2	3
16	4	3	4	4	2	1	2	2	1	1	2	2	2
17	4	2	5	3	1	2	2	1	0	2	1	2	2
18	2	2	3	4	0	1	1	1	1	1	1	1	2
19	2	1	2	2	0	2	1	1	1	1	3	2	2
20	3	3	2	3	1	0	1	1	0	1	2	3	2
21	2	1	2	2	0	1	0	0	1	1	2	2	1
22	3	1	4	1	0	0	0	1	0	1	1	3	1
23	3	1	2	2	0	0	0	0	0	2	1	2	1
ALL	3	2	3	3	1	1	1	1	1	2	2	3	2

TABLE 19-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	1	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	1	0
03	0	0	0	0	0	0	0	0	0	0	1	0	0
04	1	0	0	0	0	0	0	0	0	0	0	1	0
05	1	0	0	0	0	1	0	0	0	0	0	1	0
06	1	0	1	0	0	0	0	0	0	0	0	1	0
07	0	0	1	0	0	0	0	0	0	1	0	1	0
08	0	0	1	1	0	0	1	0	0	0	0	1	0
09	1	0	1	1	0	1	0	0	0	0	0	0	0
10	1	1	0	1	0	1	0	0	0	0	0	0	0
11	1	1	1	1	0	1	0	0	0	1	1	1	1
12	1	1	1	1	0	1	0	0	0	0	0	0	0
13	1	1	0	1	0	1	0	0	0	1	0	0	0
14	1	0	1	1	0	1	0	1	0	0	0	1	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	1	1	1	0	1	0	0	0	0	0	0	0
17	1	1	1	1	0	1	0	0	0	0	1	0	0
18	0	0	1	1	0	0	0	1	0	0	0	0	0
19	1	0	1	1	0	1	0	0	0	0	0	0	0
20	1	1	0	1	0	0	0	0	0	0	0	0	0
21	0	0	1	0	0	0	0	0	0	0	0	0	0
22	1	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	0	1	1	0	0	0	0	0	0	0	0	0

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

TABLE 19-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	0	0	0	0	0	0	0
14	0	0	0	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 19-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	0	0	0	0	0	0	0
14	0	0	0	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 19-1 THRU 19-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	405	374	416	392	410	402	402	416	405	419	404	420	4865
01	404	375	418	390	414	400	401	418	404	423	408	423	4878
02	408	372	416	393	417	402	404	418	405	424	410	425	4894
03	411	372	419	401	412	405	405	412	405	425	407	426	4900
04	409	376	423	388	414	409	405	414	411	420	405	420	4894
05	416	382	420	397	418	399	412	410	406	421	408	425	4914
06	411	373	419	395	409	402	409	419	408	424	412	423	4904
07	421	377	418	395	410	399	405	409	410	426	406	425	4901
08	416	374	416	401	411	392	395	414	406	421	403	421	4870
09	416	384	410	392	404	395	412	417	403	422	406	422	4883
10	412	372	411	386	409	389	407	418	405	418	403	424	4854
11	413	373	417	387	403	390	403	422	407	421	405	423	4864
12	413	375	416	393	404	392	403	420	406	424	410	423	4879
13	411	367	409	396	404	391	401	414	402	428	408	421	4852
14	408	368	417	391	402	393	406	417	409	418	408	422	4859
15	416	372	416	383	402	384	409	411	404	426	402	422	4847
16	411	375	410	386	405	393	405	419	406	425	402	426	4863
17	415	365	418	390	410	395	406	412	404	418	400	423	4856
18	409	371	414	398	410	396	407	408	405	416	404	426	4864
19	414	373	417	398	409	396	403	409	411	420	404	425	4879
20	410	370	416	398	406	406	402	410	407	420	403	424	4872
21	420	372	418	397	401	399	406	417	405	418	404	422	4879
22	417	364	416	399	410	404	405	420	406	423	404	426	4894
23	410	369	412	393	413	407	403	412	408	422	406	425	4880
		8945		9439		9540		9956		10122		10162	
ALL	9896		9982		9807		9716		9748		9732		117045

TABLE 19-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	75	36	17	0	100	67	50	*	50	36	44	40
01	63	25	43	0	0	50	50	*	33	29	50	60	41
02	50	0	40	17	0	50	0	0	*	40	43	31	33
03	45	0	43	40	50	*	0	*	0	33	80	47	45
04	33	0	33	50	0	100	50	100	50	33	71	40	41
05	44	29	14	71	33	25	*	*	0	67	50	50	42
06	70	0	33	45	0	67	*	*	20	75	50	38	44
07	14	22	50	60	0	0	50	0	0	63	75	38	38
08	44	43	35	0	0	0	14	14	13	50	25	47	28
09	43	38	14	13	13	11	0	0	40	38	20	50	25
10	15	17	35	11	25	18	20	0	38	44	27	25	24
11	14	27	33	7	14	8	13	22	43	10	15	29	20
12	31	45	9	14	27	8	17	0	33	71	13	27	22
13	26	33	20	15	38	0	29	0	0	50	63	36	24
14	33	63	19	10	11	25	0	13	17	70	19	42	25
15	23	22	23	12	54	0	0	0	14	50	67	50	27
16	29	30	47	6	14	40	20	14	0	50	38	33	27
17	60	50	50	45	25	13	33	0	0	43	40	40	40
18	50	33	50	18	0	0	0	20	67	33	67	17	30
19	50	33	57	22	100	13	20	25	0	50	58	40	37
20	31	60	40	27	0	0	25	40	0	33	71	42	38
21	22	50	33	11	100	0	0	0	33	100	44	29	32
22	27	40	20	0	0	0	100	33	*	75	40	38	31
23	42	33	30	17	0	50	0	0	0	29	60	50	34
ALL	37	34	31	19	22	16	20	12	20	48	43	40	31

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

TABLE 19-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	0	0	0	0	0	0	0	*	0	0	0	5
01	0	0	0	0	0	0	0	*	0	0	13	0	2
02	14	0	10	0	0	0	0	0	*	0	0	8	6
03	9	25	0	0	0	*	0	*	0	0	0	7	5
04	25	33	0	0	0	0	0	0	0	0	0	0	7
05	0	29	14	0	0	0	*	*	0	0	0	0	5
06	10	33	11	0	0	0	*	*	0	0	0	0	6
07	0	22	0	0	0	0	0	0	0	0	0	8	4
08	0	0	12	0	0	0	0	0	0	0	0	0	2
09	7	0	5	0	0	0	0	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	6	1
11	0	0	17	0	0	0	0	0	0	0	8	0	3
12	6	9	4	0	0	0	0	0	0	0	7	0	3
13	5	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	5	0	0	0	0	0	0	0	6	0	1
15	0	11	4	0	0	0	0	0	0	0	0	0	2
16	12	0	0	0	0	0	0	0	0	0	0	11	3
17	13	0	0	0	0	0	0	0	0	0	0	0	2
18	20	0	8	0	0	0	0	0	0	0	0	17	5
19	10	0	0	0	0	0	0	0	0	0	0	0	1
20	15	0	0	0	0	0	0	0	0	0	0	17	5
21	22	0	0	0	0	0	0	0	0	0	11	14	7
22	18	0	0	0	0	0	0	0	*	0	0	0	3
23	8	0	0	0	0	0	0	0	0	0	0	10	3
ALL	9	6	4	0	0	0	0	0	0	0	2	4	3

TABLE 19-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	22	0	0	0	0	0	0	0	*	0	0	0	3
01	0	0	0	20	0	0	0	*	0	0	13	0	3
02	14	25	0	17	0	0	0	0	*	0	0	8	8
03	9	25	14	20	0	*	0	*	0	0	0	7	8
04	18	67	11	0	0	0	0	0	0	0	0	10	11
05	0	43	14	14	0	0	*	*	0	0	13	0	9
06	0	33	11	0	0	0	*	*	0	0	0	0	4
07	14	33	8	0	0	0	0	0	0	0	0	8	8
08	11	0	6	0	0	0	0	0	0	0	0	11	4
09	0	25	0	0	0	0	0	0	0	0	0	6	2
10	0	17	0	0	0	0	0	0	0	0	9	6	2
11	14	9	0	0	0	0	0	0	0	0	0	0	2
12	6	9	4	0	0	0	0	0	0	0	0	0	2
13	11	0	0	0	0	0	0	0	0	0	14	0	2
14	0	0	0	0	0	0	0	0	0	0	0	8	1
15	15	0	0	0	0	0	0	0	0	0	0	13	2
16	0	10	0	0	0	0	0	0	0	0	0	11	2
17	7	0	0	0	0	0	0	0	0	0	0	0	1
18	10	0	8	0	0	0	0	0	0	0	0	17	4
19	10	0	0	0	0	0	0	0	0	0	0	0	1
20	15	0	0	0	0	0	0	0	0	0	0	8	4
21	0	25	0	0	0	0	0	0	0	0	11	29	7
22	9	0	0	0	0	0	0	0	*	0	0	8	3
23	0	0	0	0	0	0	0	0	0	0	0	10	2
ALL	8	12	2	2	0	0	0	0	0	0	3	6	3

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 19-5 THRU 19-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	4	11	6	2	1	3	1	0	4	11	9	61
01	8	4	6	5	3	2	2	0	3	7	8	10	58
02	14	4	10	6	3	2	1	1	0	5	7	13	66
03	11	4	7	5	4	0	1	0	2	3	10	15	62
04	11	3	9	2	2	1	2	1	2	3	7	10	53
05	9	7	7	7	3	4	0	0	3	6	8	12	66
06	10	6	9	11	1	3	0	0	5	8	6	13	72
07	7	9	12	10	6	1	2	2	3	8	4	13	77
08	9	7	17	10	5	6	7	5	8	8	4	18	104
09	14	8	21	15	8	9	3	8	5	13	10	16	130
10	13	6	17	9	8	11	5	10	8	9	11	16	123
11	14	11	18	14	7	13	7	9	7	10	13	14	137
12	16	11	23	21	15	12	6	8	3	7	15	11	148
13	18	9	20	19	8	11	6	8	10	10	7	14	140
14	15	8	21	20	9	8	7	16	6	10	16	12	148
15	13	9	26	17	13	5	6	8	7	10	9	8	131
16	17	10	14	17	7	5	10	7	3	6	8	9	113
17	15	6	20	11	4	7	9	6	2	7	5	10	102
18	10	6	12	17	1	5	5	5	3	6	3	6	79
19	10	3	7	9	1	8	5	4	5	4	12	10	78
20	13	10	10	11	4	1	4	5	1	3	7	12	81
21	9	4	9	9	1	2	1	2	3	3	9	7	59
22	11	5	15	4	2	1	1	3	0	4	5	13	64
23	12	3	9	6	2	2	1	1	2	7	5	10	60
ALL	288	157	330	261	119	120	94	110	91	161	200	281	2212

TABLE 19-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	*	100	*	0	*	0	50	*	100	50	100	55
01	67	*	100	*	*	*	*	*	*	100	*	100	86
02	100	*	100	*	*	0	*	*	*	0	100	50	60
03	0	0	*	100	*	*	*	*	*	*	100	0	50
04	25	0	*	*	0	100	*	*	*	*	100	33	42
05	75	*	0	100	0	0	*	*	0	*	100	75	56
06	67	0	67	100	*	50	*	*	*	0	50	60	56
07	100	*	75	100	0	*	*	*	0	100	100	67	73
08	0	*	50	0	*	0	0	50	100	100	*	67	43
09	33	0	0	0	*	33	*	0	100	50	*	100	30
10	33	50	0	0	*	0	*	*	*	50	100	100	35
11	20	33	33	0	*	0	*	*	*	33	0	67	21
12	67	50	25	33	0	0	0	*	*	100	0	0	35
13	50	0	*	20	*	0	*	*	*	50	*	*	26
14	75	0	50	0	100	33	*	67	100	50	0	100	52
15	*	100	50	0	*	0	0	0	100	0	50	100	42
16	17	0	50	0	0	50	0	0	*	*	*	0	19
17	100	100	40	50	*	0	50	0	*	*	100	*	55
18	100	*	50	40	*	0	0	0	100	50	0	0	38
19	50	*	75	20	100	33	*	*	*	50	50	0	45
20	50	100	50	33	*	*	100	*	*	50	100	0	56
21	0	*	33	0	*	*	*	0	*	100	50	0	30
22	33	*	0	*	*	*	100	*	*	100	100	0	50
23	0	0	0	0	0	100	*	*	*	50	100	100	46
ALL	47	36	47	22	22	19	27	24	75	60	64	60	43

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

TABLE 19-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	*	0	*	0	*	0	0	*	0	0	0	9
01	0	*	0	*	*	*	*	*	*	0	*	0	0
02	0	*	0	*	*	0	*	*	*	0	0	0	0
03	0	0	*	0	*	*	*	*	*	*	0	0	0
04	0	100	*	*	0	0	*	*	*	*	0	0	8
05	0	*	0	0	0	0	*	*	0	*	0	0	0
06	33	0	0	0	*	0	*	*	*	0	0	0	6
07	0	*	0	0	0	*	*	*	0	0	0	0	0
08	0	*	25	0	*	0	0	0	0	0	*	0	4
09	0	0	25	0	*	0	*	0	0	0	*	0	5
10	0	0	0	0	*	0	*	*	*	0	0	0	0
11	0	0	33	0	*	0	*	*	*	0	25	0	7
12	0	0	0	0	0	0	0	*	*	0	100	0	5
13	0	0	*	0	*	0	*	*	*	0	*	*	0
14	0	0	17	0	0	0	*	0	0	0	100	0	7
15	*	0	50	0	*	0	0	0	0	0	0	0	8
16	17	0	0	0	0	0	0	0	*	*	*	0	5
17	0	0	0	0	*	0	0	0	*	*	0	*	0
18	0	*	25	0	*	0	0	0	0	0	0	0	5
19	25	*	0	0	0	0	*	*	*	0	0	0	5
20	25	0	0	0	*	*	0	*	*	0	0	0	6
21	0	*	0	0	*	*	*	0	*	0	0	0	0
22	0	*	0	*	*	*	0	*	*	0	0	0	0
23	100	0	0	0	0	0	*	*	*	0	0	0	8
ALL	9	5	10	0	0	0	0	0	0	0	9	0	4

TABLE 19-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	*	0	*	0	*	0	0	*	0	0	0	10
01	0	*	0	*	*	*	*	*	*	0	*	0	0
02	0	*	0	*	*	0	*	*	*	0	0	0	0
03	0	0	*	0	*	*	*	*	*	*	0	0	0
04	0	100	*	*	0	0	*	*	*	*	0	0	8
05	0	*	0	0	0	0	*	*	0	*	0	0	0
06	0	0	0	0	*	0	*	*	*	0	0	0	0
07	0	*	25	0	0	*	*	*	0	0	0	0	7
08	0	*	25	0	*	0	0	*	0	0	*	17	10
09	0	0	0	0	*	0	*	0	0	0	*	0	0
10	0	50	0	0	*	0	*	*	*	0	0	0	6
11	0	0	0	0	*	0	*	*	*	0	0	0	0
12	0	0	0	0	0	0	0	*	*	0	0	0	0
13	0	0	*	0	*	0	*	*	*	0	*	*	0
14	0	0	0	0	0	0	*	0	0	0	0	33	3
15	*	0	0	0	*	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	*	*	*	0	0
17	0	0	0	0	*	0	0	0	*	*	0	*	0
18	0	*	25	0	*	0	0	0	0	0	0	0	5
19	25	*	0	0	0	0	*	*	*	0	0	0	5
20	25	0	0	0	*	*	0	*	*	0	0	0	6
21	0	*	0	0	*	*	*	0	*	0	0	0	0
22	0	*	0	*	*	*	0	*	*	0	0	0	0
23	0	0	0	0	0	0	*	*	*	0	0	0	0
ALL	4	9	5	0	0	0	0	0	0	0	0	4	3

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 19-8 THRU 19-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	1	0	1	0	1	1	0	1	2	1	10
01	3	0	2	0	0	0	0	0	0	1	0	1	7
02	1	0	2	0	0	1	0	0	0	1	1	4	10
03	2	1	0	1	0	0	0	0	0	0	3	1	8
04	4	1	0	0	1	1	0	0	0	0	2	3	12
05	4	0	1	1	1	2	0	0	1	0	2	4	16
06	3	1	3	1	0	2	0	0	0	1	2	5	18
07	1	0	4	1	1	0	0	0	1	3	1	3	15
08	2	0	4	3	0	1	2	0	1	2	0	6	21
09	3	1	4	2	0	3	0	2	1	2	0	2	20
10	3	2	1	2	0	4	0	0	0	2	1	2	17
11	5	3	3	5	0	3	0	0	0	3	4	3	29
12	3	2	4	3	1	2	1	0	0	2	1	1	20
13	4	2	0	5	0	4	0	0	0	4	0	0	19
14	4	1	6	4	1	3	0	3	1	2	1	3	29
15	0	1	2	1	0	1	1	1	1	1	2	1	12
16	6	2	3	3	1	2	1	1	0	0	0	1	20
17	4	2	5	2	0	2	2	2	0	0	2	0	21
18	1	0	4	5	0	1	1	3	2	2	1	1	21
19	4	0	4	5	1	3	0	0	0	2	2	1	22
20	4	2	2	3	0	0	1	0	0	2	1	1	16
21	1	0	3	1	0	0	0	1	0	1	2	1	10
22	3	0	1	0	0	0	1	0	0	1	1	1	8
23	1	1	2	1	1	1	0	0	0	2	2	2	13
ALL	68	22	61	49	9	36	11	14	8	35	33	48	394

TABLE 19-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	100	*	*	*	*	100
01	0	*	100	*	*	*	*	*	*	*	*	*	50
02	*	*	*	*	*	0	*	*	*	0	100	*	33
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	100	*	0	*	0	0	*	*	*	*	*	*	25
06	*	*	*	*	*	0	*	*	*	0	0	0	0
07	*	*	100	*	0	*	*	*	*	*	*	*	50
08	*	*	*	*	*	*	*	50	*	100	*	*	67
09	*	*	*	*	*	*	*	0	*	*	*	*	0
10	*	*	0	*	*	0	*	*	*	*	*	*	0
11	0	*	0	0	*	0	*	*	*	*	0	*	0
12	*	*	50	*	*	*	*	*	*	100	*	*	67
13	*	*	*	*	*	0	*	*	*	0	*	*	0
14	0	*	*	0	*	*	*	50	*	*	*	*	20
15	*	*	100	*	*	0	0	*	*	*	*	*	33
16	0	*	50	*	*	*	*	*	*	*	*	*	33
17	*	*	*	*	*	*	*	0	*	*	*	*	0
18	*	*	*	*	*	*	0	0	*	*	*	*	0
19	100	*	100	*	*	*	*	*	*	*	*	*	100
20	*	*	100	*	*	*	*	*	*	*	*	*	100
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	0	*	*	*	*	*	*	*	*	*	*	0
ALL	33	0	62	0	0	0	0	38	*	40	25	0	29

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

TABLE 19-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	0	*	*	*	*	0
01	0	*	0	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	*	0	*	*	*	0	0	*	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	0	*	0	*	0	0	*	*	*	*	*	*	0
06	*	*	*	*	*	0	*	*	*	0	0	0	0
07	*	*	0	*	0	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	0	*	0	*	*	0
09	*	*	*	*	*	*	*	0	*	*	*	*	0
10	*	*	0	*	*	0	*	*	*	*	*	*	0
11	0	*	0	0	*	0	*	*	*	*	0	*	0
12	*	*	0	*	*	*	*	*	*	0	*	*	0
13	*	*	*	*	*	0	*	*	*	0	*	*	C
14	0	*	*	0	*	*	*	0	*	*	*	*	0
15	*	*	0	*	*	0	0	*	*	*	*	*	0
16	0	*	0	*	*	*	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	0	*	*	*	*	0
18	*	*	*	*	*	*	0	0	*	*	*	*	0
19	0	*	0	*	*	*	*	*	*	*	*	*	0
20	*	*	0	*	*	*	*	*	*	*	*	*	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	0	*	*	*	*	*	*	*	*	*	*	0
ALL	0	0	0	0	0	0	0	0	*	0	0	0	0

TABLE 19-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	0	*	*	*	*	0
01	0	*	0	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	*	0	*	*	*	0	0	*	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	0	*	0	*	0	0	*	*	*	*	*	*	0
06	*	*	*	*	*	0	*	*	*	0	0	0	0
07	*	*	0	*	0	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	0	*	*	0
09	*	*	*	*	*	*	*	0	*	*	*	*	0
10	*	*	0	*	*	0	*	*	*	*	*	*	0
11	0	*	0	0	*	0	*	*	*	*	0	*	0
12	*	*	0	*	*	*	*	*	*	0	*	*	0
13	*	*	*	*	*	0	*	*	*	0	*	*	0
14	0	*	*	0	*	*	*	0	*	*	*	*	0
15	*	*	0	*	*	0	0	*	*	*	*	*	0
16	0	*	0	*	*	*	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	0	*	*	*	*	0
18	*	*	*	*	*	*	0	0	*	*	*	*	0
19	0	*	0	*	*	*	*	*	*	*	*	*	0
20	*	*	0	*	*	*	*	*	*	*	*	*	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	0	*	*	*	*	*	*	*	*	*	*	0
ALL	0	0	0	0	0	0	0	0	*	0	0	0	0

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 19-11 THRU 19-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	1	0	0	0	0	1
01	1	0	1	0	0	0	0	0	0	0	0	0	2
02	0	0	0	0	0	1	0	0	0	1	1	0	3
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	1	0	1	0	1	1	0	0	0	0	0	0	4
06	0	0	0	0	0	1	0	0	0	1	1	1	4
07	0	0	1	0	1	0	0	0	0	0	0	0	2
08	0	0	0	0	0	0	0	0	0	1	0	0	1
09	0	0	0	0	0	0	0	1	0	0	0	0	1
10	0	0	1	0	0	2	0	0	0	0	0	0	3
11	1	0	1	1	0	1	0	0	0	0	2	0	6
12	0	0	2	0	0	0	0	0	0	1	0	0	3
13	0	0	0	0	0	3	0	0	0	1	0	0	4
14	1	0	0	2	0	0	0	2	0	0	0	0	5
15	0	0	1	0	0	1	1	0	0	0	0	0	3
16	1	0	1	0	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	1	0	0	0	0	1
18	0	0	0	0	0	0	1	1	0	0	0	0	2
19	1	0	2	0	0	0	0	0	0	0	0	0	3
20	0	0	1	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	1	0	0	0	0	0	0	0	0	0	0	1
ALL	6	1	12	3	2	10	2	6	0	5	4	1	52

TABLE 19-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	100	*	*	*	*	100
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	0	*	*	*	0	100	*	33
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	0	0	*	*	*	*	*	*	0
06	*	*	*	*	*	0	*	*	*	0	0	0	0
07	*	*	100	*	0	*	*	*	*	*	*	*	50
08	*	*	*	*	*	*	*	100	*	*	*	*	100
09	*	*	*	*	*	*	*	0	*	*	*	*	0
10	*	*	*	*	*	0	*	*	*	*	*	*	0
11	0	*	0	0	*	*	*	*	*	*	0	*	0
12	*	*	0	*	*	*	*	*	*	*	*	*	0
13	*	*	*	*	*	0	*	*	*	0	*	*	0
14	0	*	*	0	*	*	*	*	*	*	*	*	0
15	*	*	*	*	*	0	0	*	*	*	*	*	0
16	0	*	0	*	*	*	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	0	*	*	*	*	0
19	100	*	100	*	*	*	*	*	*	*	*	*	100
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	0	*	*	*	*	*	*	*	*	*	*	0
ALL	25	0	33	0	0	0	0	50	*	0	25	0	16

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

TABLE 19-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	0	*	*	*	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	0	*	*	*	0	0	*	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	0	0	*	*	*	*	*	*	0
06	*	*	*	*	*	0	*	*	*	0	0	0	0
07	*	*	0	*	0	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	0	*	*	*	*	0
09	*	*	*	*	*	*	*	0	*	*	*	*	0
10	*	*	*	*	*	0	*	*	*	*	*	*	0
11	0	*	0	0	*	*	*	*	*	*	0	*	0
12	*	*	0	*	*	*	*	*	*	*	*	*	0
13	*	*	*	*	*	0	*	*	*	0	*	*	0
14	0	*	*	0	*	*	*	*	*	*	*	*	0
15	*	*	*	*	*	0	0	*	*	*	*	*	0
16	0	*	0	*	*	*	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	0	*	*	*	*	0
19	0	*	0	*	*	*	*	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	0	*	*	*	*	*	*	*	*	*	*	0
ALL	0	0	0	0	0	0	0	0	*	0	0	0	0

TABLE 19-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	0	*	*	*	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	0	*	*	*	0	0	*	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	0	0	*	*	*	*	*	*	0
06	*	*	*	*	*	0	*	*	*	0	0	0	0
07	*	*	0	*	0	*	*	*	*	*	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	0	*	*	*	*	0
10	*	*	*	*	*	0	*	*	*	*	*	*	0
11	0	*	0	0	*	*	*	*	*	*	0	*	0
12	*	*	0	*	*	*	*	*	*	*	*	*	0
13	*	*	*	*	*	0	*	*	*	0	*	*	0
14	0	*	*	0	*	*	*	*	*	*	*	*	0
15	*	*	*	*	*	0	0	*	*	*	*	*	0
16	0	*	*	*	*	*	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	0	*	*	*	*	0
19	0	*	0	*	*	*	*	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	0	*	*	*	*	*	*	*	*	*	*	0
ALL	0	0	0	0	0	0	0	0	*	0	0	0	0

STATION: HEIDELBERG AAF, FRG

WMO #: 107340

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 19-14 THRU 19-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	1	0	0	0	0	1
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	1	0	0	0	1	1	0	3
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	1	0	1	1	0	0	0	0	0	0	3
06	0	0	0	0	0	1	0	0	0	1	1	1	4
07	0	0	1	0	1	0	0	0	0	0	0	0	2
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	1	0	0	0	0	1
10	0	0	0	0	0	2	0	0	0	0	0	0	2
11	1	0	1	1	0	0	0	0	0	0	2	0	5
12	0	0	1	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	3	0	0	0	1	0	0	4
14	1	0	0	2	0	0	0	0	0	0	0	0	3
15	0	0	0	0	0	1	1	0	0	0	0	0	2
16	1	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	0	0	0	0	1
19	1	0	1	0	0	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	1	0	0	0	0	0	0	0	0	0	0	1
ALL	4	1	5	3	2	9	1	3	0	3	4	1	36

STATION: ILLERSHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

TABLE 20-1 PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	4	1	1	0	0	2	0	1	0	2	5	6	2
07	4	2	2	3	1	1	1	0	1	2	4	6	2
08	7	3	2	4	2	3	1	0	1	1	6	4	3
09	6	4	2	3	3	4	3	2	2	2	4	5	3
10	5	4	4	5	3	3	2	2	4	2	4	7	4
11	9	4	5	6	3	5	3	1	4	4	3	7	4
12	6	4	4	7	4	3	3	2	1	4	5	3	4
13	6	4	5	8	2	5	4	2	3	5	3	4	4
14	7	2	6	10	2	2	4	3	1	2	3	4	4
15	5	1	6	8	2	3	4	5	3	2	2	4	4
16	4	3	2	6	1	4	1	0	3	2	1	2	2
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	6	3	4	6	2	3	3	2	2	3	4	5	3

TABLE 20-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	1	1	0	0	0	1	0	0	0	0	1	3	1
07	2	1	0	0	0	0	0	0	0	1	2	2	1
08	3	1	1	1	0	0	0	0	0	0	1	2	1
09	3	2	1	0	0	2	0	1	0	1	2	1	1
10	3	2	0	3	0	1	0	0	1	0	1	3	1
11	4	0	1	2	0	1	0	0	0	1	1	3	1
12	2	2	1	2	0	2	0	1	0	1	2	0	1
13	2	1	1	5	0	1	0	0	1	0	1	1	1
14	1	0	1	4	0	0	2	2	0	0	1	3	1
15	2	0	0	3	1	1	1	1	0	1	2	2	1
16	1	2	0	1	1	3	0	0	1	0	0	1	1
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	2	1	1	2	0	1	1	1	0	1	1	2	1

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

TABLE 20-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	1	0	0	0	0	0	0	0	0	0	1	2	0
07	0	1	0	0	0	0	0	0	0	0	1	0	0
08	1	1	0	0	0	0	0	0	0	0	0	0	0
09	1	1	0	0	0	1	0	0	0	0	0	1	0
10	1	1	0	0	0	0	0	0	0	0	0	1	0
11	0	0	0	1	0	0	0	0	0	0	0	1	0
12	0	0	0	1	0	0	0	0	0	0	0	0	0
13	0	0	0	1	0	0	0	0	0	0	0	1	0
14	0	0	0	0	0	0	0	0	0	0	0	2	0
15	1	0	0	1	0	0	0	0	0	0	0	1	0
16	0	1	0	0	0	1	0	0	0	0	0	0	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	1	0	0	1	0	0	0	0	0	0	0	1	0

TABLE 20-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	1	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	1	0	0	0	0	0	0	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 20-1 THRU 20-4:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	183	162	199	183	214	218	216	250	210	195	170	141	2341
07	224	207	235	220	242	214	226	248	213	213	189	206	2637
08	230	213	249	222	245	217	226	253	218	217	198	221	2709
09	238	215	244	219	237	213	235	255	207	221	214	231	2729
10	237	235	247	226	236	200	246	251	215	226	204	230	2753
11	237	241	257	239	236	209	229	259	218	221	208	230	2784
12	240	237	258	235	243	210	233	259	217	234	220	212	2798
13	243	232	257	234	222	214	225	252	210	242	219	199	2749
14	240	229	257	223	232	201	229	242	209	234	214	197	2707
15	242	226	254	219	213	187	218	224	204	229	204	172	2592
16	203	197	214	139	113	113	112	119	153	225	206	143	1937
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	2517	2394	2671	2359	2433	2196	2395	2612	2274	2457	2246	2182	28736

TABLE 20-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	14	50	0	*	0	50	*	0	0	25	25	25	23
07	30	20	25	100	50	0	50	0	50	25	43	31	38
08	47	17	25	38	40	14	100	100	33	0	18	25	32
09	14	33	0	43	0	13	25	20	25	25	0	8	16
10	31	11	0	25	13	0	0	0	0	25	11	33	15
11	36	22	8	27	33	20	13	0	0	25	33	33	24
12	21	33	30	31	22	14	0	0	0	22	20	29	22
13	43	0	14	16	40	9	10	0	17	27	50	43	21
14	38	20	13	14	25	0	0	0	0	0	50	50	19
15	55	33	7	29	20	0	22	0	0	0	60	14	20
16	25	40	0	13	0	20	0	*	25	0	0	33	17
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	33	23	12	28	23	13	15	4	10	18	26	29	22

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

TABLE 20-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	29	0	0	*	0	0	*	0	0	0	0	0	5
07	20	20	0	0	0	0	0	0	0	0	0	0	5
08	7	33	0	0	0	0	0	0	0	0	9	0	5
09	14	22	17	0	0	0	0	0	0	0	11	17	9
10	23	33	0	8	0	0	0	0	0	0	0	0	7
11	14	22	8	0	0	0	0	0	0	0	0	0	5
12	14	22	10	6	0	0	0	0	0	0	0	0	6
13	7	22	14	5	0	0	0	0	0	0	17	0	6
14	6	0	7	9	0	0	0	0	0	0	17	0	5
15	9	33	7	0	0	0	0	0	0	0	0	0	3
16	13	20	0	13	0	0	0	*	0	0	0	0	6
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	13	23	7	5	0	0	0	0	0	0	5	2	6

TABLE 20-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	57	0	0	*	0	0	*	0	0	0	0	0	11
07	10	20	0	0	0	0	0	0	0	0	0	0	3
08	27	17	0	0	0	0	0	0	0	0	0	25	10
09	8	22	33	0	0	0	0	0	0	0	0	17	8
10	15	0	0	0	0	0	0	0	0	0	0	0	2
11	9	22	0	0	0	0	0	0	0	0	0	7	4
12	7	0	10	0	0	0	0	0	0	0	0	14	3
13	0	11	7	0	0	0	0	0	0	0	0	0	2
14	6	0	0	0	0	0	0	0	0	0	0	0	1
15	0	33	0	0	0	0	0	0	0	0	0	29	3
16	25	0	0	0	0	0	0	*	0	0	0	0	4
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	13	11	4	0	0	0	0	0	0	0	0	8	4

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 20-5 THRU 20-7:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	7	2	1	0	1	4	0	2	1	4	8	8	38
07	10	5	4	6	2	2	2	1	2	4	7	13	58
08	15	6	4	8	5	7	2	1	3	3	10	8	72
09	13	9	6	7	6	8	8	5	4	4	9	12	91
10	13	9	10	12	8	6	5	5	8	4	9	15	104
11	22	9	12	15	6	10	8	3	8	8	6	15	122
12	14	8	10	16	9	7	7	5	3	9	10	7	105
13	14	9	14	19	5	11	10	6	6	11	6	7	118
14	16	5	15	21	4	5	9	7	2	5	6	8	103
15	10	3	14	17	5	4	9	11	7	5	5	7	97
16	8	5	4	8	1	5	1	0	4	5	3	3	47
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	142	70	94	129	52	69	61	46	48	62	79	103	955

TABLE 20-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	50	*	*	*	0	*	0	0	*	50	25	21
07	0	0	0	100	*	*	*	*	0	50	67	20	26
08	17	0	50	0	0	0	100	*	0	*	50	0	17
09	17	20	0	0	*	0	100	50	100	50	0	0	19
10	17	0	0	33	0	0	0	*	0	100	0	29	17
11	30	0	0	0	*	33	*	0	0	0	0	17	14
12	0	25	67	40	0	25	*	0	*	0	20	0	23
13	75	0	33	17	100	0	0	0	0	0	100	0	26
14	33	100	33	33	0	*	0	0	0	0	50	50	27
15	75	0	0	50	50	0	0	0	*	0	60	0	31
16	33	0	0	0	0	0	*	*	0	0	0	100	13
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	27	13	25	27	25	9	17	7	9	19	34	21	22

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

TABLE 20-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	100	0	*	*	*	0	*	0	0	*	0	0	14
07	25	50	0	0	*	*	*	*	0	0	0	0	11
08	0	67	0	0	0	0	0	*	0	*	0	0	9
09	17	40	0	0	*	0	0	0	0	0	0	0	9
10	33	40	0	17	0	0	0	*	0	0	0	0	14
11	10	0	50	0	*	0	*	0	0	0	0	0	6
12	25	25	33	0	0	0	*	0	*	0	0	0	10
13	0	33	33	8	0	0	0	0	0	0	0	0	9
14	0	0	0	22	0	*	0	0	0	0	50	0	8
15	0	100	0	0	0	0	0	0	*	0	0	0	3
16	0	33	0	100	0	0	*	*	0	0	0	0	13
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	15	37	15	10	0	0	0	0	0	0	3	0	9

TABLE 20-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KT

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	100	0	*	*	*	0	*	0	0	*	0	0	14
07	25	50	0	0	*	*	*	*	0	0	0	0	11
08	33	33	0	0	0	0	0	*	0	*	0	0	13
09	17	20	33	0	*	0	0	0	0	0	0	0	9
10	17	0	0	0	0	0	0	*	0	0	0	0	3
11	20	0	0	0	*	0	*	0	0	0	0	0	6
12	0	0	33	0	0	0	*	0	*	0	0	0	3
13	0	0	33	0	0	0	0	0	0	0	0	0	3
14	0	0	0	0	0	*	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	*	0	0	33	3
16	33	0	0	0	0	0	*	*	0	0	0	0	6
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	19	10	15	0	0	0	0	0	0	0	0	2	6

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 20-8 THRU 20-10:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	2	2	0	0	0	2	0	1	1	0	2	4	14
07	4	2	1	1	0	0	0	0	1	2	3	5	19
08	6	3	2	2	1	1	1	0	1	0	2	4	23
09	6	5	3	1	0	4	1	2	1	2	4	3	32
10	6	5	1	6	1	2	1	0	2	1	3	7	35
11	10	1	2	5	0	3	0	1	1	3	3	6	35
12	4	3	3	5	1	4	0	2	0	2	5	1	30
13	4	3	3	12	1	2	1	1	2	1	2	2	34
14	3	1	3	8	1	0	5	5	1	1	2	6	36
15	4	1	1	6	2	2	3	2	0	3	5	3	32
16	3	3	1	1	1	3	0	0	1	1	1	1	16
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	52	29	20	47	8	23	12	14	11	16	32	42	306

TABLE 20-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	*	*	*	*	0	*	*	*	*	0	0	0
07	0	0	*	*	*	*	*	*	*	*	100	0	20
08	33	0	*	0	*	*	*	*	*	*	*	*	17
09	0	50	*	*	*	0	100	*	*	*	*	0	20
10	50	0	*	*	0	*	*	*	*	*	*	0	14
11	*	*	0	0	*	*	*	0	*	*	*	33	14
12	0	*	100	67	*	100	*	*	*	*	*	*	67
13	*	0	0	0	*	*	*	0	*	*	*	0	0
14	100	*	*	0	0	*	0	0	*	*	100	25	30
15	100	0	*	67	*	*	*	*	*	0	*	0	50
16	0	0	*	*	*	0	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	33	9	33	33	0	20	50	0	*	0	67	12	23

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

TABLE 20-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	100	*	*	*	*	0	*	*	*	*	0	0	17
07	100	50	*	*	*	*	*	*	*	*	0	0	40
08	0	50	*	0	*	*	*	*	*	*	*	*	17
09	0	50	*	*	*	0	0	*	*	*	*	0	10
10	0	0	*	*	0	*	*	*	*	*	*	0	0
11	*	*	0	0	*	*	*	0	*	*	*	0	0
12	0	*	0	0	*	0	*	*	*	*	*	*	0
13	*	100	100	0	*	*	*	0	*	*	*	0	33
14	0	*	*	0	0	*	0	0	*	*	0	0	0
15	0	100	*	0	*	*	*	*	*	0	*	0	13
16	0	100	*	*	*	0	*	*	*	*	*	*	33
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	13	55	33	0	0	0	0	0	*	0	0	0	12

TABLE 20-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	100	*	*	*	*	0	*	*	*	*	0	0	17
07	100	50	*	*	*	*	*	*	*	*	0	0	40
08	67	0	*	0	*	*	*	*	*	*	*	*	33
09	33	50	*	*	*	0	0	*	*	*	*	0	20
10	0	0	*	*	0	*	*	*	*	*	*	0	0
11	*	*	0	0	*	*	*	0	*	*	*	0	0
12	0	*	0	0	*	0	*	*	*	*	*	*	0
13	*	0	100	0	*	*	*	0	*	*	*	0	17
14	0	*	*	0	0	*	0	0	*	*	0	0	0
15	0	0	*	0	*	*	*	*	*	0	*	0	0
16	100	0	*	*	*	0	*	*	*	*	*	*	33
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	40	18	33	0	0	0	0	0	*	0	0	0	12

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 20-11 THRU 20-13:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	1	0	0	0	0	1	0	0	0	0	1	3	6
07	1	2	0	0	0	0	0	0	0	0	1	1	5
08	3	2	0	1	0	0	0	0	0	0	0	0	6
09	3	2	0	0	0	2	1	0	0	0	0	2	10
10	2	2	0	0	1	0	0	0	0	0	0	2	7
11	0	0	1	2	0	0	0	1	0	0	0	3	7
12	1	0	1	3	0	1	0	0	0	0	0	0	6
13	0	1	1	2	0	0	0	1	0	0	0	1	6
14	1	0	0	1	1	0	1	1	0	0	1	4	10
15	2	1	0	3	0	0	0	0	0	1	0	1	8
16	1	1	0	0	0	1	0	0	0	0	0	0	3
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	15	11	3	12	2	5	2	3	0	1	3	17	74

TABLE 20-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	*	*	*	*	0	*	*	*	*	*	*	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	0	*	*	*	*	*	*	*	*	0
09	*	100	*	*	*	0	100	*	*	*	*	*	67
10	*	0	*	*	0	*	*	*	*	*	*	*	0
11	*	*	*	0	*	*	*	*	*	*	*	100	50
12	*	*	*	*	*	100	*	*	*	*	*	*	100
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	0	*	*	0	*	*	*	*	0
15	100	*	*	*	*	*	*	*	*	*	*	*	100
16	*	*	*	*	*	0	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	50	33	*	0	0	25	100	0	*	*	*	100	31

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

TABLE 20-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	100	*	*	*	*	0	*	*	*	*	*	*	50
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	0	*	*	*	*	*	*	*	*	0
09	*	0	*	*	*	0	0	*	*	*	*	*	0
10	*	0	*	*	0	*	*	*	*	*	*	*	0
11	*	*	*	0	*	*	*	*	*	*	*	0	0
12	*	*	*	*	*	0	*	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	0	*	*	0	*	*	*	*	0
15	0	*	*	*	*	*	*	*	*	*	*	*	0
16	*	*	*	*	*	0	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	50	0	*	0	0	0	0	0	*	*	*	0	6

TABLE 20-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	100	*	*	*	*	0	*	*	*	*	*	*	50
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	0	*	*	*	*	*	*	*	*	0
09	*	0	*	*	*	0	0	*	*	*	*	*	0
10	*	0	*	*	0	*	*	*	*	*	*	*	0
11	*	*	*	0	*	*	*	*	*	*	*	0	0
12	*	*	*	*	*	0	*	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	0	*	*	0	*	*	*	*	0
15	0	*	*	*	*	*	*	*	*	*	*	*	0
16	*	*	*	*	*	0	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	50	0	*	0	0	0	0	0	*	*	*	0	6

STATION: ILLESHEIM AAF, FRG WMO #: 107520 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 20-14 THRU 20-16:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	1	0	0	0	0	1	0	0	0	0	0	0	2
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	1	0	0	0	0	0	0	0	0	1
09	0	1	0	0	0	1	1	0	0	0	0	0	3
10	0	2	0	0	1	0	0	0	0	0	0	0	3
11	0	0	0	1	0	0	0	0	0	0	0	1	2
12	0	0	0	0	0	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	1	0	0	1	0	0	0	0	2
15	1	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	1	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	2	3	0	2	2	4	1	1	0	0	0	1	16

STATION: INCIRLIK AB, TU

WMO #: 173500

RUNWAY HEADING: 050-230

TABLE 21-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	0	1	0	0	0	0	0	0	0	1	0
01	1	1	0	1	0	0	0	0	0	0	1	0	0
02	1	2	0	0	0	0	0	0	0	0	1	0	0
03	1	1	1	0	0	0	0	0	0	0	0	1	0
04	1	0	0	1	0	0	0	0	0	0	1	0	0
05	2	1	1	1	0	1	0	0	0	0	1	0	1
06	2	1	1	0	1	0	0	0	1	1	1	0	1
07	1	1	0	1	2	0	1	0	0	0	2	1	1
08	3	1	1	1	1	1	2	1	1	0	2	1	1
09	3	2	1	2	1	1	1	0	1	1	3	1	1
10	3	2	1	2	4	2	1	1	1	1	3	1	2
11	2	3	2	4	2	3	1	1	2	1	4	2	2
12	4	3	2	5	3	2	2	1	2	1	4	3	3
13	3	3	3	3	3	2	2	2	3	2	4	3	3
14	4	3	3	2	1	2	1	1	1	1	3	2	2
15	3	2	1	2	1	1	1	1	1	0	2	1	1
16	1	1	0	1	0	1	1	0	1	0	2	0	1
17	2	1	0	1	0	0	0	0	0	0	2	0	1
18	1	1	1	0	0	0	0	0	0	0	1	2	0
19	0	0	0	0	0	0	0	0	0	0	1	1	0
20	0	0	0	0	0	0	0	0	0	0	1	1	0
21	1	1	0	0	1	0	0	0	0	0	1	1	0
22	1	1	1	0	0	0	0	0	0	0	1	1	0
23	1	1	0	0	0	0	0	0	0	0	0	0	0
ALL	2	1	1	1	1	1	1	0	1	0	2	1	1

TABLE 21-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	1	0	0	0	0	0	0	0	0	0	0	0
09	1	1	0	0	0	0	0	0	0	0	1	0	0
10	1	1	0	0	1	1	0	0	0	0	1	0	0
11	1	1	0	1	0	0	0	0	0	1	1	0	0
12	1	1	0	1	1	0	0	0	0	1	1	1	0
13	1	1	0	0	0	0	0	0	1	1	0	1	0
14	1	1	0	0	0	0	0	0	1	0	1	1	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	1	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	0	0
21	0	0	0	0	1	0	0	0	0	0	1	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: INCIRLIK AB, TU

WMO #: 173500

RUNWAY HEADING: 050-230

TABLE 21-3.

PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	1	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 21-4.

PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: INCIRLIK AB, TU

WMO #: 173500

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 21-1 THRU 21-4:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	379	346	378	367	350	367	377	372	375	372	362	366	4411
01	344	320	354	337	303	339	345	343	345	339	328	333	4030
02	341	318	355	333	294	339	342	340	350	342	324	337	4015
03	377	344	377	373	353	368	372	372	374	377	362	366	4415
04	345	311	353	337	312	351	352	340	331	337	335	338	4042
05	335	307	359	343	308	342	342	342	347	336	331	329	4021
06	392	360	388	379	358	379	386	377	383	389	374	375	4540
07	347	316	355	346	310	339	344	340	342	344	325	331	4039
08	336	317	363	351	306	343	345	338	338	338	329	344	4048
09	390	355	393	379	354	371	378	374	381	388	369	371	4503
10	352	312	359	340	303	345	352	353	351	338	330	337	4072
11	347	320	355	342	313	344	353	345	342	335	326	334	4056
12	391	353	390	376	351	379	382	374	381	383	374	387	4521
13	341	312	363	338	309	335	344	344	344	336	323	341	4030
14	340	318	354	354	308	354	358	339	341	342	338	341	4087
15	386	357	387	380	354	377	383	377	383	379	363	372	4498
16	346	319	357	346	318	342	352	346	352	343	326	346	4093
17	347	316	354	351	313	347	356	342	356	343	326	337	4088
18	384	352	374	370	353	367	378	374	376	376	369	382	4455
19	350	316	349	355	309	337	353	336	355	343	326	343	4072
20	348	323	355	346	309	349	348	350	360	344	328	343	4103
21	381	349	377	366	350	364	380	363	373	390	357	373	4412
22	345	314	352	346	327	343	346	342	346	340	332	350	4083
23	347	308	343	339	315	342	346	340	345	340	331	345	4041
		7863		8494		8463		8463		8484		8421	
ALL	8591		8744		7780		8614		8571		8188		100676

TABLE 21-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	0	*	0	*	100	*	*	*	*	*	100	67
01	*	0	100	0	100	0	*	*	*	100	0	0	25
02	67	0	*	0	*	*	0	*	*	*	100	*	30
03	100	0	100	0	*	*	0	*	*	100	0	100	56
04	25	0	0	50	*	*	*	*	*	*	0	*	20
05	43	0	0	0	*	0	0	*	*	*	0	*	18
06	50	0	0	*	*	*	*	*	0	0	*	100	27
07	50	0	*	0	20	*	0	*	*	*	0	67	21
08	17	0	0	25	0	0	0	0	0	0	25	50	13
09	33	0	*	0	0	*	0	0	0	0	20	0	11
10	20	0	0	0	0	17	0	0	0	0	20	25	10
11	29	20	20	10	20	29	0	0	20	25	13	20	18
12	0	33	50	0	40	100	*	0	0	*	25	0	20
13	0	14	18	0	13	0	0	0	22	20	9	13	9
14	9	0	33	14	0	0	0	0	50	50	11	14	13
15	40	25	33	0	*	*	0	0	*	*	50	50	26
16	40	25	100	0	*	0	0	0	0	*	0	0	18
17	60	0	*	50	*	*	*	*	*	*	33	0	36
18	100	*	0	*	*	*	*	*	*	100	0	50	50
19	0	0	*	*	*	*	*	*	0	*	50	20	20
20	*	*	*	*	0	*	*	*	*	*	67	0	29
21	50	*	*	*	*	*	*	*	*	*	100	100	80
22	50	0	50	*	*	*	*	*	*	100	25	50	42
23	0	50	*	0	0	*	*	*	*	0	*	0	11
ALL	29	10	28	8	14	17	0	0	17	32	20	29	19

STATION: INCIRLIK AB, TU

WMO #: 173500 RUNWAY HEADING: 050-230

TABLE 21-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	0	*	0	*	*	*	*	*	0	0
01	*	0	0	0	0	0	*	*	*	0	0	0	0
02	0	0	*	0	*	*	0	*	*	*	0	*	0
03	0	0	0	0	*	*	0	*	*	0	0	0	0
04	0	0	0	0	*	*	*	*	*	*	0	*	0
05	0	0	0	0	*	0	0	*	*	*	0	*	0
06	0	0	0	*	*	*	*	*	0	0	*	0	0
07	0	0	*	0	0	*	0	*	*	*	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	*	0	0	*	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	*	0	0	*	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	*	*	0	0	*	*	0	0	0
16	0	0	0	0	*	0	0	0	0	*	0	0	0
17	0	0	*	0	*	*	*	*	*	*	0	0	0
18	0	*	0	*	*	*	*	*	*	0	0	0	0
19	0	0	*	*	*	*	*	*	0	*	0	0	0
20	*	*	*	*	0	*	*	*	*	*	0	0	0
21	0	*	*	*	*	*	*	*	*	*	0	0	0
22	0	0	0	*	*	*	*	*	*	0	0	0	0
23	0	0	*	0	0	*	*	*	*	0	*	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 21-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	0	*	0	*	*	*	*	*	0	0
01	*	0	0	0	0	0	*	*	*	0	0	0	0
02	0	25	*	0	*	*	0	*	*	*	0	*	10
03	0	0	0	0	*	*	0	0	*	0	0	0	0
04	0	0	0	0	*	*	*	*	*	*	0	*	0
05	14	0	0	0	*	0	0	*	*	*	0	*	6
06	0	0	0	*	0	0	0	0	0	0	0	0	0
07	0	0	*	0	0	*	0	*	*	*	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	*	0	0	0	0	*	0	0	0
17	0	0	*	0	*	*	*	*	*	*	0	0	0
18	0	0	0	*	*	*	*	*	0	0	0	0	0
19	0	0	*	*	*	*	*	*	0	*	0	0	0
20	*	*	*	*	0	*	*	*	*	*	0	0	0
21	0	*	0	*	0	*	*	*	0	*	0	0	0
22	0	0	0	*	*	*	*	*	*	0	0	0	0
23	0	0	*	0	0	*	*	*	*	0	*	0	0
ALL	1	1	0	0	0	0	0	0	0	0	0	0	0

STATION: INCIRLIK AB, TU

WMO #: 173500 RUNWAY HEADING: 050-230

NUMBER OF CASES USED FOR CALCULATIONS IN TABLE 21-5 THRU 21-7:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	1	0	3	0	1	0	0	0	0	0	4	11
01	0	2	1	2	1	1	0	0	0	1	3	1	12
02	3	4	0	1	0	0	1	0	0	0	1	0	10
03	2	3	2	1	0	0	1	1	0	1	1	3	15
04	4	1	1	2	0	0	0	0	0	0	2	0	10
05	7	2	1	2	0	2	1	0	0	0	2	0	17
06	7	3	1	0	2	1	1	1	3	2	1	1	23
07	2	2	0	2	5	0	3	0	0	0	2	3	19
08	6	3	2	3	3	4	5	2	2	1	4	4	39
09	9	7	1	7	3	4	4	1	2	2	7	2	49
10	9	5	2	6	10	6	3	1	3	2	10	4	61
11	7	5	5	10	5	7	4	3	5	4	8	5	68
12	15	9	6	16	12	6	6	4	6	3	13	9	105
13	11	7	11	6	8	5	7	9	9	4	10	8	95
14	11	7	6	7	3	5	5	1	4	2	9	7	67
15	11	6	5	6	2	2	4	2	5	1	7	3	54
16	5	4	1	2	0	2	1	1	2	0	3	1	22
17	5	3	0	2	0	0	0	0	0	0	4	1	15
18	2	2	1	0	0	0	0	0	1	2	3	6	17
19	1	1	0	0	0	0	0	0	1	0	2	5	10
20	0	0	0	0	1	0	0	0	0	0	3	3	7
21	2	0	1	0	2	0	0	0	1	0	3	2	11
22	2	1	2	0	0	0	0	0	0	1	4	2	12
23	3	2	0	1	1	0	0	0	0	1	0	1	9
ALL	126	80	49	79	58	46	46	26	44	27	102	75	758

TABLE 21-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	100	*	*	*	*	*	*	100
01	*	0	*	*	100	*	*	*	*	*	*	*	50
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	100	*	*	100
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	*	*	*	*	*	*	*	*	0
06	100	*	0	*	*	*	*	*	*	*	*	*	50
07	*	0	*	*	*	*	*	*	*	*	0	*	0
08	*	0	*	0	0	*	*	*	0	*	*	100	17
09	*	0	*	*	*	*	*	*	*	*	50	*	25
10	0	0	*	*	0	50	*	*	*	0	0	*	9
11	33	0	100	0	*	100	*	*	100	0	0	0	24
12	0	0	*	0	100	*	*	*	*	*	*	0	14
13	0	0	0	*	0	*	*	*	33	50	0	50	18
14	0	0	100	0	*	*	*	*	100	100	0	50	36
15	100	*	*	*	*	*	*	*	*	*	*	*	100
16	*	*	*	0	*	0	*	*	0	*	0	*	0
17	100	0	*	*	*	*	*	*	*	*	*	*	67
18	100	*	0	*	*	*	*	*	*	100	*	0	50
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	50	*	50
21	0	*	*	*	*	*	*	*	*	*	100	100	75
22	0	*	*	*	*	*	*	*	*	*	0	*	0
23	0	100	*	0	*	*	*	*	*	0	*	0	20
ALL	29	5	33	0	33	60	*	*	50	44	25	36	27

STATION: INCIRLIK AB, TU

WMO #: 173500 RUNWAY HEADING: 050-230

TABLE 21-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	0	*	*	*	*	*	*	0
01	*	0	*	*	0	*	*	*	*	*	*	*	0
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	0	*	*	0
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	*	*	*	*	*	*	*	*	0
06	0	*	0	*	*	*	*	*	*	*	*	*	0
07	*	0	*	*	*	*	*	*	*	*	0	*	0
08	*	0	*	0	0	*	*	*	0	*	*	0	0
09	*	0	*	*	*	*	*	*	*	*	0	*	0
10	0	0	*	*	0	0	*	*	*	0	0	*	0
11	0	0	0	0	*	0	*	*	0	0	0	0	0
12	0	0	*	0	0	*	*	*	*	*	*	0	0
13	0	0	0	*	0	*	*	*	0	0	0	0	0
14	0	0	0	0	*	*	*	*	0	0	0	0	0
15	0	*	*	*	*	*	*	*	*	*	*	*	0
16	*	*	*	0	*	0	*	*	0	*	0	*	0
17	0	0	*	*	*	*	*	*	*	*	*	*	0
18	0	*	0	*	*	*	*	*	*	0	*	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	0	*	*	*	*	*	*	*	*	*	0	0	0
22	0	*	*	*	*	*	*	*	*	*	0	*	0
23	0	0	*	0	*	*	*	*	*	0	*	0	0
ALL	0	0	0	0	0	0	*	*	0	0	0	0	0

TABLE 21-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	0	*	*	*	*	*	*	0
01	*	0	*	*	0	*	*	*	*	*	*	*	0
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	0	*	*	*	*	*	*	*	0	*	*	0
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	0	*	*	*	*	*	*	*	*	*	0
06	0	*	0	*	*	*	*	*	*	*	0	*	0
07	*	0	*	*	*	*	*	*	*	*	0	*	0
08	*	0	*	*	0	*	*	*	0	*	*	0	0
09	0	0	*	*	*	*	*	*	*	*	0	*	0
10	0	0	*	*	0	0	*	*	*	0	0	*	0
11	0	0	0	0	*	0	*	*	0	0	0	0	0
12	0	0	0	0	0	*	*	*	*	0	0	0	0
13	0	0	0	*	0	*	*	*	0	0	0	0	0
14	0	0	0	0	*	*	*	*	0	0	0	0	0
15	0	0	*	*	*	*	*	*	*	*	*	*	0
16	*	*	*	0	*	0	*	*	0	*	0	*	0
17	0	0	*	*	*	*	*	*	*	*	*	*	0
18	0	*	0	*	*	*	*	*	*	0	*	0	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	0	*	*	*	0	*	*	*	*	*	0	0	0
22	0	*	*	*	*	*	*	*	*	*	0	*	0
23	0	0	*	0	*	*	*	*	*	0	*	0	0
ALL	0	0	0	0	0	0	*	*	0	0	0	0	0

STATION: INCIRLIK AB, TU

WMO #: 173500

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 21-8 THRU 21-10:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	1	0	0	0	0	0	0	1
01	0	1	0	0	1	0	0	0	0	0	0	0	2
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	1	0	0	0	0	0	0	0	1	0	0	2
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	1	0	0	0	0	0	0	0	0	0	1
06	1	0	1	0	0	0	0	0	0	0	1	0	3
07	0	1	0	0	0	0	0	0	0	0	1	0	2
08	0	2	0	0	1	0	0	0	1	0	0	1	5
09	1	3	0	0	0	0	0	0	0	0	2	0	6
10	1	2	0	0	2	2	0	0	0	1	2	0	10
11	3	2	1	4	0	1	0	0	1	2	2	1	17
12	4	2	1	3	2	0	0	0	0	2	4	3	21
13	4	3	1	0	1	0	0	0	3	1	1	2	16
14	2	3	1	1	0	0	0	0	2	1	2	2	14
15	1	1	0	0	0	0	0	0	0	0	0	0	2
16	0	0	0	1	0	1	0	0	1	0	1	0	4
17	2	1	0	0	0	0	0	0	0	0	0	0	3
18	1	0	1	0	0	0	0	0	0	1	0	3	6
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	2	0	2
21	1	0	0	0	2	0	0	0	0	0	3	1	7
22	1	0	0	0	0	0	0	0	0	0	1	0	2
23	1	1	0	1	0	0	0	0	0	1	0	1	5
ALL	23	23	7	10	9	5	0	0	8	10	22	14	131

TABLE 21-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	100	100
09	*	*	*	*	*	*	*	*	*	*	100	*	100
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	100	*	*	*	*	*	100	*	*	*	100
12	*	*	*	*	100	*	*	*	*	*	*	0	50
13	*	0	*	*	*	*	*	*	0	*	0	0	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	0	*	*	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	100	*	100	*	*	*	50	*	50	33	45

STATION: INCIRLIK AB, TU

WMO #: 173500

RUNWAY HEADING: 050-230

TABLE 21-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	0	0
09	*	*	*	*	*	*	*	*	*	*	0	*	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	0	*	*	*	*	*	0	*	*	*	0
12	*	*	*	*	0	*	*	*	*	*	*	0	0
13	*	0	*	*	*	*	*	*	0	*	0	0	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	0	*	*	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	*	0	*	*	*	0	*	0	0	0

TABLE 21-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	0	0
09	*	*	*	*	*	*	*	*	*	*	0	*	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	0	*	*	*	*	*	0	*	*	*	0
12	*	*	*	*	0	*	*	*	*	*	0	0	0
13	*	0	*	*	*	*	*	*	0	*	0	0	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	0	*	*	*	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	0	*	*	*	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	0	*	0	*	*	*	0	*	0	0	0

STATION: INCIRLIK AB, TU

WMO #: 173500

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 21-11 THRU 21-13:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	1	1
09	0	0	0	0	0	0	0	0	0	0	1	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	1	0	0	0	0	0	1	0	0	0	2
12	0	0	0	0	1	0	0	0	0	0	3	1	5
13	0	1	0	0	0	0	0	0	1	0	1	1	4
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	1	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	2	1	0	1	0	0	0	2	0	5	3	15

TABLE 21-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	*	*	*	*	*	*	*	*	0	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	*	*	*	*	*	*	*	0	*	*	*	0

STATION: INCIRLIK AB, TU

WMO #: 173500

RUNWAY HEADING: 050-230

TABLE 21-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	*	*	*	*	*	*	*	*	0	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	*	*	*	*	*	*	*	0	*	*	*	0

TABLE 21-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	*	*	*	*	*	*	*
13	*	*	*	*	*	*	*	*	0	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	*	*	*	*	*	*	*	0	*	*	*	0

STATION: INCIRLIK AB, TU

WMO #: 173500

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 21-14 THRU 21-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	1	0	0	0	1

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

TABLE 22-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	3	1	3	1	1	0	0	1	2	4	6	2
01	1	2	1	2	1	1	0	0	2	2	3	6	2
02	1	3	2	2	0	1	1	0	2	1	4	4	2
03	1	1	1	1	0	1	0	0	1	0	3	7	1
04	2	3	1	2	0	1	0	0	1	0	1	4	1
05	3	2	2	1	1	0	0	0	0	1	2	5	1
06	3	2	2	2	0	0	0	0	1	1	2	3	1
07	4	2	2	2	1	1	0	1	1	1	2	5	2
08	3	3	4	3	3	1	0	0	1	1	2	3	2
09	3	3	4	3	3	1	1	1	1	2	3	4	2
10	5	2	6	3	2	2	1	3	1	2	3	3	3
11	5	4	5	4	3	3	2	4	2	2	4	3	3
12	4	3	5	5	3	2	4	2	3	2	1	4	3
13	4	3	6	5	2	1	4	3	2	2	3	2	3
14	3	1	5	4	2	2	4	3	2	2	3	3	3
15	3	1	5	4	4	2	3	1	2	2	2	1	3
16	3	3	2	4	3	3	2	1	2	1	4	3	2
17	4	2	2	3	2	1	2	1	1	0	2	2	2
18	3	1	1	3	1	1	2	2	1	1	5	2	2
19	4	2	2	2	0	0	2	1	0	1	5	1	2
20	4	2	3	3	1	0	0	0	0	1	4	2	2
21	3	1	4	4	1	0	1	0	0	1	3	2	2
22	1	5	2	4	1	0	0	0	2	3	2	3	2
23	3	3	1	2	1	0	1	1	1	2	2	2	2
ALL	3	2	3	3	2	1	2	1	1	1	3	3	2

TABLE 22-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	0	0	0	0	0	0	1	0	1	2	0
01	1	1	0	0	0	0	0	0	1	1	1	2	1
02	1	1	0	0	0	1	0	0	1	0	2	2	1
03	0	1	1	0	0	1	0	0	0	0	2	4	1
04	0	1	0	0	0	0	0	0	0	0	0	2	0
05	0	1	0	0	0	0	0	0	0	0	1	2	0
06	1	1	1	0	0	0	0	0	0	1	0	0	0
07	1	1	1	0	0	0	0	0	0	0	0	1	0
08	1	1	2	0	0	0	0	0	0	0	0	1	0
09	1	1	1	0	0	0	0	0	0	0	1	1	1
10	1	1	1	1	0	1	0	1	0	1	0	1	1
11	1	1	1	1	1	0	1	1	0	1	1	1	1
12	2	1	2	1	0	1	1	0	0	0	0	1	1
13	2	1	2	1	1	0	1	0	0	1	0	1	1
14	1	0	1	1	1	0	1	1	0	1	1	1	1
15	1	0	2	1	1	0	1	0	0	0	1	0	1
16	1	1	0	1	0	1	0	0	0	0	1	0	0
17	0	1	1	0	0	1	0	0	0	0	1	1	0
18	1	1	1	1	0	1	0	0	0	0	1	1	0
19	0	0	1	1	0	0	1	0	0	1	1	0	0
20	2	0	1	1	0	0	0	0	0	0	1	0	1
21	1	0	1	0	0	0	0	0	0	1	1	0	0
22	0	0	0	1	0	0	0	0	0	0	1	1	0
23	0	1	0	1	0	0	1	0	0	0	1	0	0
ALL	1	1	1	1	0	0	0	0	0	0	1	1	0

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

TABLE 22-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	1	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	1	1	0
03	0	1	0	0	0	0	0	0	0	0	0	2	0
04	0	1	0	0	0	0	0	0	0	0	0	1	0
05	0	1	0	0	0	0	0	0	0	0	0	1	0
06	0	1	0	0	0	0	0	0	0	0	0	0	0
07	0	0	1	0	0	0	0	0	0	0	0	0	0
08	0	1	1	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	1	0	0
12	0	1	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	0	0	0	0	0	0	0
18	0	0	0	0	0	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 22-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	1	0	0
03	0	0	0	0	0	0	0	0	0	0	0	1	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 22-1 THRU 22-4:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	167	148	156	151	156	150	155	156	133	131	127	126	1756
01	167	148	155	150	155	150	155	160	133	130	127	126	1756
02	166	149	155	150	156	150	155	156	133	129	127	126	1752
03	165	149	155	151	157	152	156	159	134	129	128	126	1761
04	166	149	169	270	276	256	236	262	216	132	131	126	2389
05	344	312	353	323	332	320	307	333	311	319	293	279	3826
06	347	312	353	360	369	365	364	379	340	327	291	303	4110
07	374	345	381	369	377	375	373	387	349	368	334	351	4383
08	373	346	384	370	377	374	373	387	351	368	336	353	4392
09	374	346	386	372	378	373	375	386	350	369	335	352	4396
10	374	346	386	372	379	373	374	385	350	369	335	352	4395
11	374	346	386	372	377	372	373	385	349	369	335	352	4390
12	373	346	386	371	376	371	373	382	348	366	334	349	4375
13	373	346	385	371	378	371	374	382	349	367	341	349	4386
14	372	346	386	371	379	371	374	382	349	365	341	348	4384
15	372	345	385	371	379	363	369	373	330	369	341	347	4344
16	372	343	385	364	372	357	359	364	313	366	336	318	4249
17	369	342	380	344	345	340	345	343	290	363	334	300	4095
18	337	320	358	333	329	329	332	338	285	339	306	257	3863
19	335	317	353	330	328	328	332	335	282	336	294	255	3825
20	332	317	342	304	307	305	317	320	264	337	293	255	3693
21	288	275	308	229	243	254	295	278	211	297	255	230	3163
22	173	147	163	168	176	174	206	186	149	150	131	116	1939
23	172	147	156	151	156	151	154	156	132	147	132	122	1776
ALL	7259	6687	7406	7117	7257	7124	7226	7374	6451	6942	6337	6218	83398

TABLE 22-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	17	0	0	75	0	0	*	*	0	0	20	25	20
01	100	33	0	67	0	0	*	*	0	0	50	25	31
02	0	0	0	67	*	0	0	*	0	0	20	20	14
03	0	0	0	0	*	0	*	*	0	*	25	11	10
04	50	20	0	80	0	0	0	100	50	*	100	0	36
05	44	0	38	100	0	0	*	*	*	25	40	20	29
06	18	0	43	50	0	0	*	*	50	50	17	13	25
07	13	14	11	29	0	0	*	50	0	40	33	33	22
08	8	20	20	18	10	0	0	0	0	25	33	33	18
09	33	10	35	9	0	0	0	0	20	33	18	43	22
10	22	38	13	10	0	22	0	0	33	50	10	27	18
11	35	21	11	7	27	10	0	13	0	11	21	25	17
12	50	25	15	22	10	29	19	0	18	33	0	14	21
13	27	33	16	5	17	0	7	0	14	25	33	25	16
14	30	40	11	0	22	17	6	8	0	14	22	36	15
15	30	100	16	19	7	13	25	0	0	33	14	20	21
16	46	56	0	25	0	10	13	20	29	50	33	38	26
17	23	71	38	8	29	20	29	50	25	0	63	14	31
18	27	25	20	18	0	25	40	17	0	25	47	33	27
19	31	33	57	25	0	*	40	67	0	60	14	0	32
20	36	33	11	38	0	0	0	0	0	0	17	17	22
21	38	25	31	22	0	*	33	*	0	0	13	50	25
22	0	14	0	43	50	*	0	*	0	0	33	33	19
23	0	25	0	33	0	*	100	0	0	0	0	33	14
ALL	29	27	19	22	10	12	16	13	12	25	26	26	22

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

TABLE 22-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	*	*	0	0	20	0	3
01	0	0	0	0	0	0	*	*	0	0	0	0	0
02	0	0	0	0	*	0	0	*	0	0	0	20	4
03	0	50	0	100	*	0	*	*	0	*	0	22	19
04	0	20	100	0	0	0	0	0	0	*	0	40	14
05	11	17	13	0	0	0	*	*	*	0	0	7	8
06	18	33	14	0	0	0	*	*	0	0	17	0	12
07	7	43	22	14	0	0	*	0	0	0	0	11	12
08	17	20	13	9	0	0	0	0	0	0	50	0	11
09	17	20	6	0	0	0	0	0	0	0	27	0	8
10	11	25	0	10	0	0	0	0	0	0	10	0	5
11	0	21	5	7	0	0	0	0	0	0	7	0	4
12	0	8	5	0	0	0	0	0	0	0	0	0	1
13	7	11	4	0	0	0	0	0	0	0	0	0	2
14	0	20	11	0	0	0	0	0	0	0	0	9	3
15	0	0	11	0	0	0	0	0	0	0	0	0	2
16	0	0	17	0	0	0	0	0	0	0	0	0	1
17	8	0	13	8	0	0	0	0	0	0	0	14	5
18	9	0	0	9	0	0	0	0	0	0	0	0	3
19	8	17	0	0	0	*	0	0	0	0	0	0	3
20	29	0	0	0	0	0	0	0	0	0	0	17	8
21	13	25	0	0	0	*	0	*	0	0	0	0	4
22	0	0	0	0	0	*	0	*	0	0	0	0	0
23	0	25	0	0	0	*	0	0	0	0	33	0	7
ALL	8	15	7	3	0	0	0	0	0	0	6	5	5

TABLE 22-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	25	50	0	0	0	*	*	0	0	0	25	17
01	0	0	0	0	0	0	*	*	0	0	0	13	3
02	0	0	33	0	*	0	0	*	0	0	0	0	4
03	0	0	0	0	*	0	*	*	0	*	0	11	5
04	25	40	0	0	0	0	0	0	0	*	0	0	11
05	0	17	13	0	0	0	*	*	*	0	0	13	8
06	18	17	14	0	0	0	*	*	0	0	17	0	10
07	7	29	33	14	0	0	*	0	0	0	17	0	10
08	8	0	20	9	0	0	0	0	0	0	17	0	7
09	8	10	12	0	0	0	0	0	0	0	27	21	9
10	17	13	4	10	0	0	0	0	0	0	20	0	6
11	6	14	0	0	0	0	0	0	0	0	14	0	3
12	7	0	0	0	0	0	0	0	0	0	40	7	3
13	7	0	4	0	0	0	0	0	0	0	0	13	2
14	10	20	6	0	0	0	0	0	0	0	0	9	3
15	10	0	5	0	0	0	0	0	0	0	0	0	2
16	15	0	17	0	0	0	0	0	0	0	8	0	4
17	23	0	0	0	0	0	0	0	0	0	13	14	6
18	18	25	0	0	0	0	0	0	0	0	0	0	4
19	15	17	0	0	0	*	0	0	0	0	0	0	5
20	14	17	0	0	0	0	0	0	0	0	0	0	5
21	13	0	0	0	0	*	0	*	0	0	13	25	5
22	0	14	0	0	0	*	0	*	0	0	0	33	5
23	17	25	50	0	0	*	0	0	0	0	0	67	18
ALL	12	11	7	1	0	0	0	0	0	0	8	8	5

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 22-5 THRU 22-7:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	4	2	4	1	1	0	0	1	3	5	8	35
01	2	3	1	3	1	2	0	0	3	2	4	8	25
02	2	4	3	3	0	1	1	0	3	1	5	5	28
03	2	2	1	1	0	1	0	0	1	0	4	9	21
04	4	5	1	5	1	2	1	1	2	0	1	5	28
05	9	6	8	2	2	1	0	0	0	4	5	15	52
06	11	6	7	6	1	1	0	0	2	4	6	8	52
07	15	7	9	7	4	2	0	2	2	5	6	18	77
08	12	10	15	11	10	3	1	1	3	4	6	12	88
09	12	10	17	11	10	3	3	4	5	6	11	14	106
10	18	8	23	10	9	9	5	10	3	8	10	11	124
11	17	14	19	14	11	10	9	15	6	9	14	12	150
12	14	12	20	18	10	7	16	6	11	9	5	14	142
13	15	9	25	20	6	4	14	10	7	8	9	8	135
14	10	5	18	15	9	6	16	13	6	7	9	11	125
15	10	5	19	16	15	8	12	4	5	6	7	5	112
16	13	9	6	16	10	10	8	5	7	2	12	8	106
17	13	7	8	12	7	5	7	4	4	1	8	7	83
18	11	4	5	11	4	4	5	6	3	4	15	6	78
19	13	6	7	8	1	0	5	3	1	5	14	2	65
20	14	6	9	8	2	1	1	1	1	4	12	6	65
21	8	4	13	9	2	0	3	0	1	3	8	4	55
22	2	7	4	7	2	0	1	0	3	5	3	3	37
23	6	4	2	3	1	0	1	1	1	3	3	3	28
ALL	239	157	242	220	119	81	109	86	81	103	182	202	1821

TABLE 22-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	*	*	*	*	0	*	0	50	17
01	100	0	*	*	*	*	*	*	0	0	0	67	33
02	0	0	*	*	*	0	*	*	0	*	50	0	11
03	*	0	0	*	*	0	*	*	*	*	50	0	10
04	*	0	*	100	*	*	*	100	*	*	*	0	33
05	100	0	100	100	*	0	*	*	*	*	50	0	31
06	50	0	50	0	*	0	*	*	*	50	0	0	25
07	20	50	0	*	*	*	*	100	*	0	*	0	19
08	33	0	33	*	*	0	*	*	0	0	100	25	25
09	33	25	67	0	0	0	0	*	100	100	33	67	41
10	33	50	0	20	0	67	0	0	*	50	100	0	28
11	50	50	0	0	100	*	0	0	*	0	50	0	22
12	50	50	17	50	*	50	33	*	*	100	*	0	39
13	50	25	17	20	25	0	0	0	*	50	*	50	29
14	33	*	0	0	50	*	0	33	*	50	50	50	26
15	50	*	17	0	0	*	100	0	0	*	50	*	24
16	0	67	0	50	*	0	*	100	0	*	50	100	35
17	0	50	50	0	100	0	*	100	*	0	50	33	38
18	50	50	0	33	0	50	0	0	*	0	100	50	37
19	0	*	33	0	*	*	100	100	*	50	50	0	38
20	60	100	0	67	*	*	*	*	0	0	25	0	37
21	50	0	0	*	*	*	*	*	*	0	0	0	7
22	*	*	*	100	*	*	*	*	*	*	100	100	100
23	*	100	*	0	*	*	100	*	*	*	0	*	50
ALL	40	33	18	26	29	21	30	38	13	32	43	24	29

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

TABLE 22-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	*	*	*	*	0	*	0	0	0
01	0	0	*	*	*	*	*	*	0	0	0	0	0
02	0	0	*	*	*	0	*	*	0	*	0	50	11
03	*	0	0	*	*	0	*	*	*	*	0	20	10
04	*	100	*	0	*	*	*	0	*	*	*	67	50
05	0	50	0	0	*	0	*	*	*	*	0	20	15
06	0	50	0	0	*	0	*	*	*	0	0	0	8
07	0	50	25	*	*	*	*	0	*	0	*	0	13
08	0	33	17	*	*	0	*	*	0	0	0	0	10
09	33	0	33	0	0	0	0	*	0	0	33	0	14
10	0	25	0	20	0	0	0	0	*	0	0	0	7
11	0	25	25	20	0	*	0	0	*	0	50	0	13
12	0	25	17	0	*	0	0	*	*	0	*	0	7
13	17	0	17	0	0	0	0	0	*	0	*	0	6
14	0	*	25	0	0	*	0	0	*	0	0	0	4
15	0	*	17	0	0	*	0	0	C	*	0	*	4
16	0	0	0	0	*	0	*	0	0	*	0	0	0
17	0	0	0	0	0	0	*	0	*	0	0	33	6
18	0	0	0	0	0	0	0	0	*	0	0	0	0
19	0	*	0	0	*	*	0	0	*	0	0	0	0
20	0	0	0	0	*	*	*	*	0	0	0	0	0
21	0	100	0	0	*	*	*	*	*	0	0	0	7
22	*	*	*	0	*	*	*	*	*	*	0	0	0
23	*	0	*	0	*	*	0	*	*	*	100	*	25
ALL	3	20	13	4	0	0	0	0	0	0	8	12	7

TABLE 22-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	0	*	*	*	*	*	*	0	*	0	50	33
01	0	0	*	*	*	*	*	*	0	0	0	0	0
02	0	0	*	*	*	0	*	*	0	*	0	0	0
03	*	0	0	*	*	0	*	*	*	*	0	0	0
04	*	100	*	0	*	*	*	0	*	*	*	0	17
05	0	50	0	0	*	0	*	*	*	*	0	20	15
06	0	50	0	0	*	0	*	*	*	0	0	0	8
07	0	50	25	*	*	*	*	0	*	0	*	0	13
08	0	0	17	*	*	0	*	*	0	0	0	0	5
09	0	0	0	0	0	0	0	*	0	0	67	0	9
10	0	0	25	0	0	0	0	0	*	0	0	0	3
11	0	0	0	0	0	*	0	0	*	0	0	0	0
12	17	0	0	0	*	0	0	*	*	0	*	0	4
13	17	0	17	0	0	0	0	0	*	0	*	50	9
14	33	*	25	0	0	*	0	0	*	0	0	0	9
15	25	*	17	0	0	*	0	0	0	*	0	*	8
16	25	0	0	0	*	0	*	0	0	*	50	0	10
17	100	0	0	0	0	0	*	0	*	0	0	33	13
18	0	0	0	0	0	0	0	0	*	0	0	0	0
19	0	*	0	0	*	*	0	0	*	0	0	0	0
20	0	0	0	0	*	*	*	*	0	0	0	0	0
21	0	0	0	0	*	*	*	*	*	0	0	0	0
22	*	*	*	0	*	*	*	*	*	*	0	0	0
23	*	0	*	0	*	*	0	*	*	*	0	*	0
ALL	12	9	10	0	0	0	0	0	0	0	8	8	6

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 22-8 THRU 22-10:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	0	0	0	0	0	0	1	0	1	2	6
01	1	2	0	0	0	0	0	0	1	1	1	3	9
02	1	2	0	0	0	1	0	0	1	0	2	2	9
03	0	1	1	0	0	1	0	0	0	0	2	5	10
04	0	1	0	1	0	0	0	1	0	0	0	3	6
05	1	2	1	1	0	1	0	0	0	0	2	5	13
06	2	2	2	1	0	1	0	0	0	2	1	1	12
07	5	2	4	0	0	0	0	1	0	1	0	3	16
08	3	3	6	0	0	1	0	0	1	1	1	4	20
09	3	4	3	1	1	1	1	0	1	1	3	3	22
10	3	4	4	5	1	3	1	3	0	2	1	2	29
11	4	4	4	5	2	0	4	2	0	3	2	2	32
12	6	4	6	4	0	2	3	0	0	1	0	2	28
13	6	4	6	5	4	1	2	1	0	4	0	2	35
14	3	0	4	2	2	0	3	3	0	2	2	2	23
15	4	0	6	4	5	0	2	1	1	0	2	0	25
16	4	3	1	4	0	3	0	1	1	0	2	1	20
17	1	2	2	1	1	2	0	1	0	1	2	3	16
18	2	2	2	3	1	2	1	1	0	1	2	2	19
19	1	0	3	4	0	0	2	1	0	2	2	1	16
20	5	1	3	3	0	0	0	0	1	1	4	1	19
21	2	1	4	1	0	0	0	0	0	2	3	1	14
22	0	0	0	1	0	0	0	0	0	0	1	1	3
23	0	1	0	1	0	0	1	0	0	0	1	0	4
ALL	58	46	62	47	17	19	20	16	8	25	37	51	406

TABLE 22-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	0	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	7
02	*	*	*	*	*	*	*	*	*	*	100	0	50
03	*	0	*	*	*	*	*	*	*	*	*	0	0
04	*	0	*	*	*	*	*	*	*	*	*	0	0
05	*	0	*	100	*	*	*	*	*	*	0	0	17
06	*	0	100	*	*	*	*	*	*	*	0	0	20
07	0	0	0	*	*	*	*	100	*	0	*	0	14
08	0	0	0	*	*	*	*	*	*	*	*	0	0
09	0	0	100	*	*	*	*	*	*	*	100	0	40
10	0	0	0	0	*	100	*	*	*	*	100	*	33
11	100	0	*	*	100	*	*	*	*	*	50	0	50
12	0	50	0	0	*	*	*	*	*	*	*	*	20
13	50	*	0	0	0	*	*	0	*	0	*	*	14
14	33	*	*	*	0	*	*	*	*	0	100	*	33
15	*	*	0	*	*	*	*	*	*	*	0	*	0
16	0	*	*	100	*	*	*	100	*	*	*	100	80
17	0	*	*	*	100	0	*	*	*	*	*	0	20
18	*	*	*	100	0	50	0	*	*	0	*	*	33
19	*	*	0	*	*	*	100	*	*	0	*	0	25
20	100	*	0	*	*	*	*	*	*	0	*	0	40
21	*	*	0	*	*	*	*	*	*	0	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	33	7	15	57	40	40	50	67	*	0	50	6	26

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

TABLE 22-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	0	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	0	0	0
03	*	0	*	*	*	*	*	*	*	*	*	33	25
04	*	100	*	*	*	*	*	*	*	*	*	100	100
05	*	50	*	0	*	*	*	*	*	*	0	0	17
06	*	50	0	*	*	*	*	*	*	*	0	0	20
07	0	100	0	*	*	*	*	0	*	0	*	0	14
08	0	50	50	*	*	*	*	*	*	*	*	0	33
09	0	0	0	*	*	*	*	*	*	*	0	0	0
10	0	100	0	100	*	0	*	*	*	*	0	*	33
11	0	0	*	*	0	*	*	*	*	*	50	0	17
12	0	50	0	0	*	*	*	*	*	*	*	*	20
13	50	*	100	0	0	*	*	0	*	0	*	*	29
14	0	*	*	*	0	*	*	*	*	0	0	*	0
15	*	*	0	*	*	*	*	*	*	*	0	*	0
16	0	*	*	0	*	*	*	0	*	*	*	0	0
17	0	*	*	*	0	0	*	*	*	*	*	100	20
18	*	*	*	0	0	0	0	*	*	0	*	*	0
19	*	*	0	*	*	*	0	*	*	0	*	0	0
20	0	*	0	*	*	*	*	*	*	0	*	0	0
21	*	*	0	*	*	*	*	*	*	0	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	7	50	15	14	0	0	0	0	*	0	10	18	15

TABLE 22-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	0	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	0	0	0
03	*	0	*	*	*	*	*	*	*	*	*	0	0
04	*	100	*	*	*	*	*	*	*	*	*	0	50
05	*	50	*	0	*	*	*	*	*	*	0	0	17
06	*	50	0	*	*	*	*	*	*	*	0	0	20
07	0	100	0	*	*	*	*	0	*	0	*	0	14
08	0	0	50	*	*	*	*	*	*	*	*	0	17
09	0	0	0	*	*	*	*	*	*	*	0	0	0
10	0	0	0	0	*	0	*	*	*	*	0	*	0
11	0	0	*	*	0	*	*	*	*	*	0	0	0
12	0	0	0	0	*	*	*	*	*	*	*	*	0
13	50	*	100	0	0	*	*	0	*	0	*	*	29
14	33	*	*	*	0	*	*	*	*	0	0	*	17
15	*	*	0	*	*	*	*	*	*	*	0	*	0
16	0	*	*	0	*	*	*	0	*	*	*	0	0
17	100	*	*	*	0	0	*	*	*	*	*	100	40
18	*	*	*	0	0	0	0	*	*	0	*	*	0
19	*	*	0	*	*	*	0	*	*	0	*	0	0
20	0	*	0	*	*	*	*	*	*	0	*	0	0
21	*	*	0	*	*	*	*	*	*	0	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	20	29	15	0	0	0	0	0	*	0	0	6	10

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 22-11 THRU 22-13:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	1	0	1
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	1	1	2
03	0	1	0	0	0	0	0	0	0	0	0	3	4
04	0	1	0	0	0	0	0	0	0	0	0	1	2
05	0	2	0	1	0	0	0	0	0	0	1	2	6
06	0	2	1	0	0	0	0	0	0	0	1	1	5
07	1	1	2	0	0	0	0	1	0	1	0	1	7
08	1	2	2	0	0	0	0	0	0	0	0	1	6
09	1	1	1	0	0	0	0	0	0	0	1	1	5
10	1	1	1	1	0	1	0	0	0	0	1	0	6
11	1	1	0	0	1	0	0	0	0	0	2	1	6
12	1	2	1	1	0	0	0	0	0	0	0	0	5
13	2	0	1	1	1	0	0	1	0	1	0	0	7
14	3	0	0	0	1	0	0	0	0	1	1	0	6
15	0	0	1	0	0	0	0	0	0	0	1	0	2
16	1	0	0	2	0	0	0	1	0	0	0	1	5
17	1	0	0	0	1	2	0	0	0	0	0	1	5
18	0	0	0	1	1	2	1	0	0	1	0	0	6
19	0	0	1	0	0	0	1	0	0	1	0	1	4
20	2	0	1	0	0	0	0	0	0	1	0	1	5
21	0	0	1	0	0	0	0	0	0	1	0	1	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	15	14	13	7	5	5	2	3	0	7	10	17	98

TABLE 22-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	100	*	100
03	*	*	*	*	*	*	*	*	*	*	*	0	0
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	0	*	*	*	*	*	*	*	*	*	*	0
06	*	0	*	*	*	*	*	*	*	*	0	*	0
07	*	*	*	*	*	*	*	*	*	0	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	0	*	*	*	*	*	*	*	100	*	50
11	*	*	*	*	*	*	*	*	*	*	100	*	100
12	*	100	*	0	*	*	*	*	*	*	*	*	50
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	50	*	*	*	*	*	*	*	*	*	100	*	67
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	100	*	*	*	*	*	*	*	*	100
17	*	*	*	*	*	0	*	*	*	*	*	*	0
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	100	*	*	*	*	*	*	*	*	*	*	*	100
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	67	33	0	50	*	0	*	*	*	0	80	0	47

STATION: KITZINGEN AAF, FRG

WMO #: 106590 RUNWAY HEADING: 070-250

TABLE 22-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	0	*	0
03	*	*	*	*	*	*	*	*	*	*	*	100	100
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	100	*	*	*	*	*	*	*	*	*	*	100
06	*	100	*	*	*	*	*	*	*	*	0	*	50
07	*	*	*	*	*	*	*	*	*	0	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	0	*	*	*	*	*	*	*	0	*	0
11	*	*	*	*	*	*	*	*	*	*	0	*	0
12	*	0	*	0	*	*	*	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	0	*	*	*	*	*	*	*	*	*	0	*	0
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	0	*	*	*	*	*	*	*	*	0
17	*	*	*	*	*	0	*	*	*	*	*	*	0
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	0	*	*	*	*	*	*	*	*	*	*	*	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	67	0	0	*	0	*	*	*	0	0	100	18

TABLE 22-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	0	*	0
03	*	*	*	*	*	*	*	*	*	*	*	0	0
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	100	*	*	*	*	*	*	*	*	*	*	100
06	*	100	*	*	*	*	*	*	*	*	0	*	50
07	*	*	*	*	*	*	*	*	*	0	*	*	0
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	0	*	*	*	*	*	*	*	0	*	0
11	*	*	*	*	*	*	*	*	*	*	0	*	0
12	*	0	*	0	*	*	*	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	0	*	*	*	*	*	*	*	*	*	0	*	0
15	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	0	*	*	*	*	*	*	*	*	0
17	*	*	*	*	*	0	*	*	*	*	*	*	0
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	0	*	*	*	*	*	*	*	*	*	*	*	0
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	67	0	0	*	0	*	*	*	0	0	0	12

STATION: KITZINGEN AAF, FRG

WMO #:

106590

RUNWAY HEADING:

070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 22-14 THRU 22-16:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	1	0	1
03	0	0	0	0	0	0	0	0	0	0	0	1	1
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	1	0	0	0	0	0	0	0	0	0	0	1
06	0	1	0	0	0	0	0	0	0	0	1	0	2
07	0	0	0	0	0	0	0	0	0	1	0	0	1
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	1	0	0	0	0	0	0	0	1	0	2
11	0	0	0	0	0	0	0	0	0	0	1	0	1
12	0	1	0	1	0	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	2	0	0	0	0	0	0	0	0	0	1	0	3
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	1	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	1	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	3	3	1	2	0	1	0	0	0	1	5	1	17

STATION: RAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

TABLE 23-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	14	10	8	5	2	3	1	3	5	7	11	18	7
01	15	9	10	7	3	3	0	4	6	8	9	17	8
02	16	8	11	5	3	2	1	4	5	9	10	20	8
03	14	8	9	6	3	1	2	2	4	8	12	17	7
04	16	7	10	6	2	1	1	3	4	8	11	17	7
05	16	8	11	7	5	1	2	3	5	7	13	19	8
06	15	7	11	7	4	5	3	2	4	9	13	17	8
07	16	8	13	10	9	5	3	5	5	10	12	16	10
08	16	9	14	14	14	7	4	7	7	11	14	16	11
09	16	13	15	21	16	10	7	9	13	16	16	19	14
10	16	14	23	24	18	12	9	10	16	18	18	19	17
11	17	16	27	28	20	12	8	9	16	24	22	20	18
12	22	16	25	27	23	15	9	10	19	25	20	22	20
13	24	19	24	26	21	13	10	10	18	23	22	24	20
14	24	19	24	24	21	14	11	9	15	20	21	25	19
15	19	15	24	25	21	12	10	11	15	17	18	18	17
16	16	13	20	20	18	12	8	9	14	16	12	18	15
17	14	9	16	18	16	12	9	10	11	9	14	17	13
18	14	9	12	14	11	9	8	7	9	9	13	18	11
19	13	10	11	11	7	5	5	5	7	9	14	17	10
20	14	11	12	7	3	4	4	3	7	9	12	19	9
21	13	10	11	6	5	4	4	4	8	9	12	18	9
22	12	10	10	7	3	2	2	4	6	8	12	18	8
23	13	10	9	5	3	2	1	4	7	7	11	17	8
ALL	16	11	15	14	11	7	5	6	9	12	14	19	12

TABLE 23-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	4	4	2	1	2	0	1	2	3	4	7	3
01	7	3	5	2	1	1	0	1	1	3	4	8	3
02	8	3	6	3	1	1	0	1	2	3	4	8	3
03	7	3	3	2	1	0	1	1	2	3	5	9	3
04	8	3	5	2	0	0	1	1	2	3	5	10	3
05	9	3	6	2	1	1	1	1	1	4	6	8	4
06	9	3	7	3	1	1	0	1	1	5	5	11	4
07	8	3	5	4	2	1	1	3	3	5	6	8	4
08	8	4	7	6	5	2	1	3	3	6	7	9	5
09	9	4	8	6	6	2	2	3	5	8	7	8	6
10	9	7	10	11	7	3	4	3	5	9	9	10	7
11	11	7	12	11	10	3	4	2	7	11	8	11	8
12	11	9	12	14	9	4	4	3	8	10	10	12	9
13	14	9	12	13	10	5	2	4	8	10	11	12	9
14	11	8	12	10	8	4	3	4	7	9	11	10	8
15	9	8	11	12	8	4	4	4	7	8	8	8	8
16	8	6	9	9	8	4	4	4	7	8	7	9	7
17	6	2	6	9	6	3	3	5	5	4	7	8	5
18	7	5	6	6	4	2	2	4	4	5	5	8	5
19	5	4	6	3	2	2	2	2	3	4	4	8	4
20	7	6	5	3	1	1	1	1	3	4	7	9	4
21	6	5	5	3	1	1	0	1	4	4	5	9	4
22	5	4	4	3	1	1	0	1	3	3	6	10	3
23	6	4	4	2	1	1	1	1	2	3	6	9	3
ALL	8	5	7	6	4	2	2	2	4	6	7	9	5

STATION: RAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

TABLE 23-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	2	2	0	0	0	0	1	0	1	1	3	1
01	3	1	2	1	0	0	0	0	1	1	2	2	1
02	4	1	2	0	0	0	0	0	1	0	1	2	1
03	3	1	2	1	0	0	0	0	1	1	1	4	1
04	3	1	2	1	0	0	0	0	0	1	2	4	1
05	3	2	1	1	0	0	0	0	1	2	2	1	1
06	4	1	1	0	0	0	0	0	0	2	2	3	1
07	3	1	1	1	1	0	0	0	1	2	2	3	1
08	4	1	2	2	1	0	1	0	1	3	2	3	2
09	5	1	2	2	1	0	0	0	2	3	3	2	2
10	5	2	2	4	2	0	1	0	2	3	3	4	2
11	4	2	3	4	2	1	0	0	3	4	2	4	2
12	4	4	4	5	4	0	1	0	3	6	2	5	3
13	5	3	5	5	3	0	1	1	3	5	3	4	3
14	5	2	3	4	2	0	1	1	3	3	4	4	3
15	4	2	4	3	3	1	1	1	3	3	2	3	2
16	3	1	3	3	2	1	1	1	3	3	2	3	2
17	3	1	2	2	2	1	1	1	2	2	2	3	2
18	3	2	2	1	1	0	1	1	1	2	1	2	1
19	2	1	3	1	0	1	0	0	1	2	2	3	1
20	3	2	2	1	0	1	0	0	1	2	2	4	1
21	2	2	1	2	0	0	0	0	1	2	2	3	1
22	1	1	2	1	0	0	0	0	1	1	2	3	1
23	2	1	1	1	0	0	0	0	1	1	2	3	1
ALL	3	2	2	2	1	0	0	0	1	2	2	3	2

TABLE 23-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	1	0	0	0	0	0	0	0	0	1	0
01	1	0	1	0	0	0	0	0	0	0	1	1	0
02	2	0	1	0	0	0	0	0	0	0	0	1	0
03	1	0	1	0	0	0	0	0	0	0	0	1	0
04	1	0	1	0	0	0	0	0	0	0	0	2	0
05	2	1	0	0	0	0	0	0	0	1	1	1	1
06	2	1	0	0	0	0	0	0	0	1	0	1	0
07	1	1	0	0	0	0	0	0	0	1	0	1	0
08	1	1	1	1	0	0	0	0	0	1	0	1	0
09	1	1	1	1	0	0	0	0	0	1	0	1	0
10	1	1	1	2	0	0	0	0	1	2	1	2	1
11	1	0	1	1	1	0	0	0	1	1	0	1	1
12	1	1	2	1	0	0	0	0	1	1	0	2	1
13	1	1	1	1	0	0	0	0	2	1	1	2	1
14	2	1	1	1	1	0	0	0	1	1	1	1	1
15	1	0	1	1	0	0	0	0	1	1	1	1	1
16	1	1	0	1	0	0	0	0	1	1	1	1	1
17	1	0	0	0	0	0	0	0	1	1	0	1	0
18	1	1	0	0	0	0	0	0	1	1	0	1	0
19	1	0	1	0	0	0	0	0	0	1	1	2	0
20	1	0	1	1	0	0	0	0	0	1	0	1	0
21	1	0	1	1	0	0	0	0	0	1	1	1	0
22	1	0	1	0	0	0	0	0	0	0	0	1	0
23	1	0	1	0	0	0	0	0	0	0	1	1	0
ALL	1	0	1	1	0	0	0	0	0	1	0	1	0

STATION: RAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 23-1 THRU 23-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	383	356	375	388	364	363	365	361	380	395	377	387	4494
01	387	361	377	385	365	365	368	364	372	395	381	385	4505
02	385	360	375	388	366	364	365	362	375	396	376	384	4496
03	386	361	376	387	364	366	366	362	377	394	378	384	4501
04	391	360	378	385	364	367	367	364	378	391	379	387	4511
05	388	361	377	389	389	368	363	364	377	398	379	387	4540
06	387	356	365	379	371	340	337	338	354	386	370	380	4363
07	390	361	376	388	389	368	368	359	382	394	378	386	4539
08	388	360	377	387	392	366	367	363	382	393	380	386	4541
09	386	359	376	385	386	367	366	362	379	393	377	383	4519
10	388	360	376	383	381	364	370	364	385	397	376	380	4524
11	389	359	377	382	381	362	373	363	382	393	379	384	4524
12	381	348	365	374	367	346	344	351	369	378	370	377	4370
13	384	360	375	381	380	369	370	365	377	393	379	384	4517
14	388	359	377	385	382	365	370	364	382	393	379	384	4528
15	391	362	378	383	385	370	372	357	382	393	379	386	4538
16	390	361	376	386	391	366	367	360	382	392	379	388	4538
17	389	361	379	386	390	364	368	363	381	393	379	385	4538
18	386	350	374	385	381	340	348	350	364	383	376	382	4419
19	389	362	378	387	392	365	368	361	382	390	379	383	4536
20	390	360	376	390	389	365	367	360	381	388	380	382	4528
21	389	360	374	386	390	362	368	357	379	388	380	383	4516
22	388	358	378	389	392	365	367	360	380	393	380	385	4535
23	390	361	377	386	368	364	366	360	378	389	379	386	4504
		8616		9244		8701		8634		9398		9218	
ALL	9303		9012		9119		8750		9060		9069		108124

TABLE 23-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	24	17	37	38	38	18	0	27	45	21	20	14	23
01	16	25	18	30	36	17	0	23	27	16	11	13	19
02	22	14	28	25	58	22	0	13	10	21	13	15	19
03	21	14	34	25	36	20	11	33	25	13	16	23	22
04	20	28	26	14	0	0	40	18	12	20	17	27	21
05	22	21	29	21	33	0	17	9	12	11	31	17	21
06	26	20	30	13	13	19	27	25	38	18	26	21	23
07	27	17	43	22	3	15	27	39	35	12	22	23	23
08	27	23	27	14	9	17	19	12	21	23	17	16	19
09	19	20	34	16	10	8	4	15	10	16	17	16	16
10	23	12	20	16	9	10	18	6	16	16	12	21	15
11	22	13	19	14	9	10	17	12	16	15	10	15	14
12	19	15	21	16	13	6	3	6	6	7	11	17	13
13	19	12	22	21	15	16	5	8	12	17	8	12	15
14	22	14	16	12	13	10	22	15	16	13	12	19	15
15	21	31	19	15	10	4	14	16	14	11	19	22	16
16	30	13	23	9	9	7	16	15	15	25	18	19	17
17	20	38	17	12	11	2	9	9	16	33	21	22	17
18	15	29	28	14	5	7	10	12	16	30	10	16	16
19	16	44	33	28	4	10	16	18	24	31	11	18	22
20	17	21	16	36	17	0	13	18	26	17	13	18	18
21	14	17	27	23	20	7	15	31	21	15	13	24	19
22	23	14	31	18	33	13	17	19	27	30	26	15	22
23	21	29	29	12	40	11	0	36	22	29	23	11	22
ALL	21	20	25	17	13	9	13	15	17	18	16	18	18

STATION: RAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

TABLE 23-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	3	0	0	0	0	0	0	0	0	0	3	1
01	0	9	5	0	0	0	0	0	0	0	3	4	3
02	2	7	3	5	0	0	0	0	0	0	0	1	2
03	0	10	3	0	0	0	0	0	0	0	2	0	2
04	0	12	3	5	0	0	0	0	0	0	2	2	2
05	0	7	7	0	0	0	0	0	0	0	6	3	3
06	2	8	8	0	0	0	0	0	0	0	4	3	3
07	3	3	6	0	0	0	0	0	0	0	2	0	2
08	3	10	8	0	0	0	0	0	0	0	2	2	2
09	5	5	5	3	0	0	0	0	0	0	3	0	2
10	3	4	3	0	0	0	0	0	0	0	3	3	1
11	6	5	0	1	0	0	0	0	0	0	1	0	1
12	7	4	2	1	0	0	0	0	0	0	0	1	1
13	1	8	2	1	0	0	0	0	0	0	1	1	1
14	3	3	1	1	0	0	0	0	0	0	1	1	1
15	5	2	2	0	0	0	0	0	0	0	1	3	1
16	8	2	1	1	0	0	0	0	0	0	2	3	2
17	4	3	0	0	0	0	0	0	0	0	0	3	1
18	6	3	0	0	0	0	0	0	0	0	0	1	1
19	2	3	2	0	0	0	0	0	0	0	2	3	1
20	0	0	2	0	0	0	0	0	0	0	2	3	1
21	2	3	0	0	0	0	0	0	0	0	0	6	2
22	2	0	3	5	0	0	0	0	0	0	0	6	2
23	2	3	0	6	0	0	0	0	0	0	3	3	2
ALL	3	5	3	1	0	0	0	0	0	0	2	2	2

TABLE 23-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	3	0	0	0	0	0	0	0	0	0	1	1
01	3	3	3	0	0	0	0	0	0	0	0	1	1
02	3	3	0	0	0	0	0	0	0	0	0	1	1
03	2	3	0	0	0	0	0	0	0	0	2	2	1
04	3	8	0	0	0	0	0	0	0	0	0	0	1
05	2	3	0	0	0	0	0	0	0	0	2	0	1
06	2	4	0	0	0	0	0	0	0	0	2	0	1
07	2	3	0	0	0	0	0	0	0	0	0	0	0
08	2	10	2	0	0	0	0	0	0	0	0	0	1
09	2	9	0	0	0	0	0	0	0	0	3	0	1
10	2	12	0	0	0	0	0	0	0	0	0	0	1
11	0	9	0	0	0	0	0	0	0	0	1	1	1
12	1	9	0	0	0	0	0	0	0	0	0	0	1
13	1	7	0	0	0	0	0	0	0	0	0	0	1
14	1	4	0	0	0	0	0	0	0	0	0	0	0
15	0	4	0	0	0	0	0	0	0	0	0	0	0
16	2	2	0	0	0	0	0	0	0	0	0	0	0
17	2	3	0	0	0	0	0	0	0	0	0	3	1
18	2	3	0	0	0	0	0	0	0	0	0	1	1
19	4	3	0	0	0	0	0	0	0	0	0	2	1
20	2	0	0	0	0	0	0	0	0	0	0	1	1
21	0	3	0	0	0	0	0	0	0	0	0	3	1
22	2	0	0	0	0	0	0	0	0	0	0	1	1
23	0	3	0	0	0	0	0	0	0	0	0	0	0
ALL	2	5	0	0	0	0	0	0	0	0	0	1	1

STATION: RAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 23-5 THRU 23-7

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	51	36	30	19	8	11	4	11	20	28	40	70	328
01	58	32	38	26	11	12	1	13	22	32	36	67	348
02	60	29	40	21	12	9	5	15	20	34	38	75	358
03	54	30	35	23	11	5	9	9	16	30	45	66	333
04	61	26	39	25	8	4	5	11	17	30	41	66	333
05	61	30	42	27	18	5	6	11	17	28	49	72	366
06	59	26	40	28	16	16	10	8	13	34	47	66	363
07	62	30	47	40	36	20	11	18	20	41	45	61	431
08	63	31	51	54	54	24	16	25	28	44	53	63	506
09	59	44	58	77	63	38	26	33	49	61	60	74	642
10	63	51	87	93	70	42	34	35	62	70	67	72	746
11	67	56	101	106	78	42	29	33	61	93	82	78	826
12	83	57	91	100	85	52	29	36	69	94	73	82	851
13	91	67	89	99	79	49	38	36	66	90	85	94	883
14	92	67	92	91	82	51	41	33	57	79	78	95	858
15	73	56	89	97	80	46	37	38	57	66	70	68	777
16	64	48	74	77	70	45	31	33	53	64	44	68	671
17	56	33	60	71	64	43	34	35	43	36	53	65	593
18	54	32	46	55	41	29	29	25	32	33	47	70	493
19	49	36	43	43	26	20	19	17	25	35	54	66	433
20	54	39	44	28	12	14	15	11	27	35	45	74	398
21	51	36	41	25	20	15	13	13	29	34	46	68	391
22	47	36	39	26	12	8	6	16	22	30	47	71	360
23	52	35	34	19	10	9	5	14	27	28	40	66	339
ALL	1484	963	1350	1270	966	609	453	529	852	1149	1285	1717	12627

TABLE 23-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	27	19	38	17	100	14	*	40	38	23	25	21	26
01	23	36	24	80	50	0	*	0	0	23	7	19	22
02	26	25	38	22	100	33	0	0	0	23	13	13	24
03	21	17	36	14	25	0	0	20	0	15	15	20	18
04	23	22	33	14	0	*	50	67	0	31	28	34	28
05	32	36	48	40	50	0	50	20	0	6	38	23	29
06	41	17	40	11	25	40	100	33	50	24	18	27	30
07	27	27	47	29	0	0	50	33	36	17	29	21	27
08	42	40	36	23	10	0	40	27	27	29	22	15	26
09	27	23	28	19	8	0	13	10	16	17	19	16	18
10	35	21	21	23	14	10	31	9	24	22	15	27	22
11	24	4	25	8	14	18	36	33	26	19	13	17	18
12	20	18	20	18	15	13	7	11	10	10	8	21	16
13	23	10	27	23	16	20	0	20	23	24	13	18	20
14	30	16	16	23	26	0	33	27	28	19	15	21	21
15	25	36	20	19	10	8	7	15	19	10	19	19	18
16	31	21	30	6	13	8	23	29	19	32	20	27	22
17	28	56	27	13	16	0	18	12	20	35	27	23	22
18	15	33	29	21	0	0	0	15	19	39	11	13	18
19	19	46	29	9	17	13	17	33	23	44	18	28	26
20	25	19	12	38	0	0	0	20	45	29	16	20	21
21	13	24	25	43	0	0	0	33	36	25	5	26	22
22	33	15	41	30	67	0	0	25	40	25	27	18	27
23	35	27	38	33	50	0	0	33	22	36	29	9	25
ALL	27	23	28	20	16	9	19	22	22	23	18	21	22

STATION: RAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

TABLE 23-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	0	0	0	0	0	*	0	0	0	0	3	1
01	0	9	12	0	0	0	*	0	0	0	7	6	5
02	0	0	0	11	0	0	0	0	0	0	0	0	1
03	0	8	9	0	0	0	0	0	0	0	5	0	2
04	0	11	6	0	0	*	0	0	0	0	0	0	1
05	0	0	10	0	0	0	0	0	0	0	10	3	3
06	0	8	12	0	0	0	0	0	0	0	12	2	4
07	7	9	6	0	0	0	0	0	0	0	4	0	3
08	3	7	8	0	0	0	0	0	0	0	4	0	2
09	3	0	10	0	0	0	0	0	0	0	7	0	2
10	3	4	5	0	0	0	0	0	0	0	6	3	2
11	7	4	0	0	0	0	0	0	0	0	3	0	1
12	10	6	0	2	0	0	0	0	0	0	0	0	2
13	2	6	2	0	0	0	0	0	0	0	0	0	1
14	0	8	2	0	0	0	0	0	0	0	2	3	1
15	3	0	0	0	0	0	0	0	0	0	3	6	1
16	9	0	0	3	0	0	0	0	0	0	4	6	2
17	4	11	0	0	0	0	0	0	0	0	0	3	1
18	8	0	0	0	0	0	0	0	0	0	0	3	1
19	0	0	0	0	0	0	0	0	0	0	6	3	1
20	0	0	0	0	0	0	0	0	0	0	4	6	2
21	4	0	0	0	0	0	0	0	0	0	0	6	2
22	0	0	0	0	0	0	0	0	0	0	0	8	2
23	0	0	0	0	0	0	0	0	0	0	0	6	1
ALL	3	4	3	1	0	0	0	0	0	0	3	3	2

TABLE 23-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	*	0	0	0	0	3	1
01	0	0	6	0	0	0	*	0	0	0	0	3	2
02	3	0	0	0	0	0	0	0	0	0	0	3	1
03	4	8	0	0	0	0	0	0	0	0	5	3	3
04	3	11	0	0	0	*	0	0	0	0	0	0	1
05	3	0	0	0	0	0	0	0	0	0	0	0	1
06	3	8	0	0	0	0	0	0	0	0	0	0	1
07	3	9	0	0	0	0	0	0	0	0	0	0	1
08	0	7	4	0	0	0	0	0	0	0	0	0	1
09	3	0	0	0	0	0	0	0	0	0	4	0	1
10	0	4	0	0	0	0	0	0	0	0	0	0	0
11	0	8	0	0	0	0	0	0	0	0	0	0	1
12	0	9	0	0	0	0	0	0	0	0	0	0	1
13	0	10	0	0	0	0	0	0	0	0	0	0	1
14	2	7	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	11	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	3	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	3	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	3	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	4	0	0	0	0	0	0	0	0	0	1	1

STATION: RAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 23-8 THRU 23-10

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	22	16	16	7	2	7	0	5	8	13	16	29	141
01	26	11	17	8	2	3	0	2	5	13	14	32	133
02	31	12	21	10	5	3	1	5	7	13	16	30	154
03	28	12	11	8	4	1	4	5	7	13	20	35	148
04	31	9	18	9	1	0	2	3	7	13	18	38	149
05	35	11	21	7	2	2	2	5	5	17	21	31	159
06	33	12	25	10	4	5	1	3	4	21	17	41	176
07	30	11	17	16	9	3	4	9	11	18	24	28	180
08	31	15	25	24	21	7	5	11	11	24	27	33	234
09	35	13	29	23	25	8	8	10	19	30	27	31	258
10	35	24	39	43	28	10	13	11	21	36	33	37	330
11	42	24	44	42	37	11	14	9	27	42	32	42	366
12	41	33	45	52	34	15	13	9	29	39	36	47	393
13	52	31	43	49	37	20	9	15	30	41	40	45	412
14	44	27	44	39	31	14	12	15	25	36	41	39	367
15	36	28	41	47	29	13	15	13	27	30	32	32	343
16	32	20	33	35	30	13	13	14	27	31	25	33	306
17	25	9	22	35	25	11	11	17	20	17	26	31	249
18	26	19	24	22	15	8	8	13	16	18	19	31	219
19	21	13	21	13	6	8	6	6	13	16	17	31	171
20	28	21	17	10	3	3	3	5	11	14	25	35	175
21	23	17	20	10	3	4	1	3	14	16	19	34	164
22	21	13	17	12	3	3	1	4	10	12	22	38	156
23	23	15	16	8	2	5	3	3	9	11	24	33	152
ALL	751	416	626	539	358	177	149	195	363	534	591	836	5535

TABLE 23-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	43	33	0	100	0	*	50	100	50	40	0	31
01	25	50	25	100	*	*	*	*	0	0	0	22	21
02	38	25	43	0	*	*	*	*	0	0	20	33	31
03	10	67	33	50	*	*	0	*	0	0	0	21	19
04	8	50	50	33	*	*	100	0	0	50	38	43	35
05	31	33	0	33	*	*	100	0	0	14	38	20	27
06	57	25	50	*	*	100	100	*	*	22	29	45	43
07	31	25	80	33	0	*	100	*	100	25	50	33	41
08	43	50	29	50	0	0	50	*	25	40	29	23	33
09	35	20	29	29	25	*	0	0	25	18	30	33	28
10	50	13	25	25	25	0	33	0	57	46	25	33	34
11	44	14	50	15	29	50	0	*	50	24	0	27	29
12	29	23	36	35	31	0	50	100	10	14	17	25	26
13	30	10	35	31	17	0	0	67	42	22	18	31	28
14	40	29	10	23	25	0	40	25	33	17	14	25	25
15	29	50	21	30	10	0	0	0	20	18	25	17	22
16	20	20	15	0	0	0	100	25	20	50	25	18	21
17	25	100	0	25	29	0	0	33	13	29	14	40	24
18	30	50	29	50	0	0	0	33	25	63	20	33	34
19	33	75	40	25	*	33	100	100	50	57	11	46	42
20	45	17	29	0	*	0	*	100	50	43	13	36	32
21	22	17	25	75	*	0	*	*	50	50	17	42	35
22	40	0	57	40	*	*	*	0	100	50	50	17	39
23	50	50	25	50	*	*	*	*	50	75	11	17	33
ALL	34	31	32	29	20	13	39	34	33	31	22	28	30

STATION: RAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

TABLE 23-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	*	0	0	0	0	8	2
01	0	0	13	0	*	*	*	*	0	0	17	0	5
02	0	0	0	0	*	*	*	*	0	0	0	0	0
03	0	0	17	0	*	*	0	*	0	0	0	0	2
04	0	0	17	0	*	*	0	0	0	0	0	0	2
05	0	0	0	0	*	*	0	0	0	0	13	0	2
06	0	0	25	*	*	0	0	*	*	0	29	0	6
07	0	0	0	0	0	*	0	*	0	0	17	0	2
08	7	0	14	0	0	0	0	*	0	0	0	0	3
09	6	0	14	0	0	*	0	0	0	0	0	0	3
10	5	0	0	0	0	0	0	0	0	0	8	7	3
11	0	14	0	0	0	0	0	*	0	0	0	0	1
12	0	8	0	0	0	0	0	0	0	0	0	0	1
13	0	10	5	0	0	0	0	0	0	0	0	0	1
14	0	0	10	0	0	0	0	0	0	0	7	0	2
15	0	0	0	0	0	0	0	0	0	0	13	17	3
16	10	0	0	0	0	0	0	0	0	0	13	18	4
17	8	0	0	0	0	0	0	0	0	0	0	0	1
18	10	0	0	0	0	0	0	0	0	0	0	11	3
19	0	0	0	0	*	0	0	0	0	0	11	8	3
20	0	0	0	0	*	0	*	0	0	0	13	7	3
21	0	0	0	0	*	0	*	*	0	0	0	8	2
22	0	0	0	0	*	*	*	0	0	0	0	8	2
23	0	0	0	0	*	*	*	*	0	0	0	8	2
ALL	2	2	4	0	0	0	0	0	0	0	6	4	2

TABLE 23-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	*	0	0	0	0	8	2
01	0	0	13	0	*	*	*	*	0	0	0	0	2
02	6	0	0	0	*	*	*	*	0	0	0	0	2
03	10	0	0	0	*	*	0	*	0	0	0	0	2
04	0	0	0	0	*	*	0	0	0	0	0	0	0
05	0	0	0	0	*	*	0	0	0	0	0	0	0
06	0	0	0	*	*	0	0	*	*	0	0	0	0
07	0	0	0	0	0	*	0	*	0	0	0	0	0
08	0	0	0	0	0	0	0	*	0	0	0	0	0
09	0	0	0	0	0	*	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	14	0	0	0	0	0	*	0	0	0	0	1
12	0	15	0	0	0	0	0	0	0	0	0	0	1
13	0	10	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	11	2
19	0	0	0	0	*	0	0	0	0	0	0	0	0
20	0	0	0	0	*	0	*	0	0	0	0	0	0
21	0	0	0	0	*	0	*	*	0	0	0	0	0
22	0	0	0	0	*	*	*	0	0	0	0	0	0
23	0	0	0	0	*	*	*	*	0	0	0	0	0
ALL	1	3	1	0	0	0	0	0	0	0	0	1	1

STATION: RAF LARKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 23-11 THRU 23-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	7	9	1	1	1	0	2	1	4	5	12	52
01	12	2	8	2	0	0	0	0	2	3	6	9	44
02	16	4	7	1	0	0	0	0	2	1	5	6	42
03	10	3	6	2	0	0	1	0	2	5	5	14	48
04	13	4	6	4	0	0	1	1	1	4	8	14	56
05	13	6	2	3	0	0	1	1	2	7	8	5	48
06	14	4	4	0	0	1	1	0	0	9	7	11	51
07	13	4	5	3	2	0	1	0	4	8	6	12	58
08	14	4	7	7	4	1	2	0	4	10	7	13	73
09	19	5	7	8	4	0	1	1	8	11	10	9	83
10	21	8	8	14	8	1	3	1	7	13	12	15	111
11	16	7	12	16	7	2	1	0	10	17	9	15	112
12	17	13	14	17	13	1	2	1	10	21	6	20	135
13	20	10	20	19	12	1	2	3	12	18	11	16	144
14	20	7	10	15	8	1	5	4	12	12	14	16	124
15	14	8	14	12	10	2	3	2	10	11	8	12	106
16	10	5	13	12	6	3	2	4	10	10	8	11	94
17	12	2	7	9	7	2	2	3	8	7	7	10	76
18	10	8	7	5	3	1	2	3	4	8	5	9	65
19	9	4	10	4	0	3	1	1	4	7	9	13	65
20	11	6	7	3	0	2	0	1	4	7	8	14	63
21	9	6	4	6	0	1	0	0	2	8	6	12	54
22	5	2	7	5	0	0	0	1	2	4	6	12	44
23	8	2	4	2	0	0	0	0	2	4	9	12	43
ALL	315	131	198	170	85	23	31	29	123	209	185	292	1791

TABLE 23-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	40	100	0	*	*	*	*	0	*	*	0	0	29
01	25	0	25	*	*	*	*	*	0	*	0	0	13
02	25	*	50	0	*	*	*	*	*	*	0	50	29
03	0	*	50	0	*	*	*	*	*	0	0	33	20
04	33	100	67	*	*	*	100	*	*	100	0	33	50
05	43	25	0	*	*	*	100	0	*	25	100	33	39
06	57	50	*	*	*	100	100	*	*	0	*	50	53
07	25	33	0	*	*	*	100	*	*	0	0	50	31
08	67	33	0	0	*	*	0	*	0	50	*	20	30
09	50	0	33	0	*	*	*	*	0	33	0	33	25
10	100	20	0	43	*	*	0	*	67	57	50	67	49
11	20	0	50	33	50	*	*	*	100	20	*	60	46
12	67	0	67	50	100	*	*	*	0	0	0	29	34
13	40	33	25	100	*	*	*	*	33	25	0	29	32
14	43	0	0	75	0	*	*	0	20	33	0	60	32
15	40	100	50	0	0	*	*	0	0	50	0	67	33
16	25	50	0	0	0	0	100	100	0	50	0	20	22
17	50	100	0	*	0	*	*	*	0	67	0	33	38
18	50	50	100	100	*	0	0	*	0	100	0	100	53
19	100	*	50	0	*	0	100	*	0	100	0	67	58
20	67	0	0	0	*	0	*	*	0	67	*	50	33
21	0	*	0	100	*	*	*	*	100	50	0	50	38
22	50	*	33	*	*	*	*	*	100	100	100	50	58
23	67	*	0	0	*	*	*	*	100	*	50	50	46
ALL	42	33	30	38	25	20	67	20	30	44	18	43	37

STATION: RAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

TABLE 23-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	*	0	*	*	0	33	7
01	0	0	0	*	*	*	*	*	0	*	50	0	7
02	0	*	0	0	*	*	*	*	*	*	0	0	0
03	0	*	0	0	*	*	*	*	*	0	0	0	0
04	0	0	0	*	*	*	0	*	*	0	0	0	0
05	0	0	0	*	*	*	0	0	*	0	0	0	0
06	0	0	*	*	*	0	0	*	*	0	*	0	0
07	0	0	0	*	*	*	0	*	*	0	0	0	0
08	0	0	50	0	*	*	0	*	0	0	*	0	5
09	25	0	33	0	*	*	*	*	0	0	0	0	10
10	0	0	0	0	*	*	0	*	0	0	0	0	0
11	0	0	0	0	0	*	*	*	0	0	*	0	0
12	0	0	0	0	0	*	*	*	0	0	0	0	0
13	0	0	25	0	*	*	*	*	0	0	0	0	3
14	0	0	33	0	0	*	*	0	0	0	50	0	6
15	0	0	0	0	0	*	*	0	0	0	50	33	10
16	0	0	0	0	0	0	0	0	0	0	50	20	7
17	25	0	0	*	0	*	*	*	0	0	0	0	6
18	0	0	0	0	*	0	0	*	0	0	0	0	0
19	0	*	0	0	*	0	0	*	0	0	50	17	11
20	0	0	0	0	*	0	*	*	0	0	*	25	6
21	0	*	0	0	*	*	*	*	0	0	0	25	6
22	0	*	0	*	*	*	*	*	0	0	0	25	8
23	0	*	0	0	*	*	*	*	0	*	0	25	8
ALL	2	0	7	0	0	0	0	0	0	0	15	8	4

TABLE 23-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	*	0	*	*	0	0	0
01	0	0	0	0	*	*	*	*	0	*	0	0	0
02	13	*	0	0	*	*	*	*	*	*	0	0	7
03	0	*	0	0	*	*	*	*	*	0	0	0	0
04	0	0	0	*	*	*	0	*	*	0	0	0	0
05	0	0	0	*	*	*	0	0	*	0	0	0	0
06	0	0	*	*	*	0	0	*	*	0	*	0	0
07	0	0	0	*	*	*	0	*	*	0	0	0	0
08	0	0	0	0	*	*	0	*	0	0	*	0	0
09	0	0	0	0	*	*	*	*	0	0	0	0	0
10	0	0	0	0	*	*	0	*	0	0	0	0	0
11	0	0	0	0	0	*	*	*	0	0	*	0	0
12	0	0	0	0	0	*	*	*	0	0	0	0	0
13	0	0	0	0	*	*	*	*	0	0	0	0	0
14	0	0	0	0	0	*	*	0	0	0	0	0	0
15	0	0	0	0	0	*	*	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	*	*	*	0	0	0	0	0
18	0	0	0	0	*	0	0	*	0	0	0	0	0
19	0	*	0	0	*	0	0	*	0	0	0	0	0
20	0	0	0	0	*	0	*	*	0	0	*	0	0
21	0	*	0	0	*	*	*	*	0	0	0	0	0
22	0	*	0	*	*	*	*	*	0	0	0	0	0
23	0	*	0	0	*	*	*	*	0	*	0	0	0
ALL	1	0	0	0	0	0	0	0	0	0	0	0	0

STATION: PAF LAKENHEATH, UK

WMO #: 035831

RUNWAY HEADING: 060-240

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 23-14 THRU 23-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	2	2	0	0	0	0	1	0	0	1	3	14
01	4	1	4	1	0	0	0	0	1	0	2	3	16
02	8	0	2	1	0	0	0	0	0	0	1	2	14
03	2	0	2	1	0	0	0	0	0	1	1	3	10
04	3	1	3	0	0	0	1	0	0	1	1	6	16
05	7	4	1	0	0	0	1	1	0	4	2	3	23
06	7	2	0	0	0	1	1	0	0	2	0	2	15
07	4	3	1	0	0	0	1	0	0	2	1	4	16
08	3	3	2	2	0	0	1	0	1	4	0	5	21
09	4	3	3	3	0	0	0	0	1	3	1	3	21
10	2	5	2	8	0	0	1	0	3	7	4	6	38
11	5	1	2	4	2	0	0	0	5	5	0	5	29
12	3	2	6	4	1	0	0	0	5	3	1	7	32
13	5	3	4	4	0	0	0	0	6	4	3	7	36
14	7	2	3	4	2	0	0	1	5	3	2	5	34
15	5	1	2	4	1	0	0	1	2	2	2	3	23
16	4	2	1	5	1	1	1	1	4	2	2	5	29
17	4	1	1	1	1	0	0	0	2	3	1	3	17
18	4	2	1	1	0	1	1	0	3	2	1	3	19
19	2	0	2	1	0	1	1	0	1	3	2	6	19
20	3	1	3	2	0	1	0	0	1	3	0	4	18
21	3	0	2	2	0	0	0	0	1	2	2	4	16
22	2	0	3	0	0	0	0	0	1	1	1	4	12
23	3	0	2	1	0	0	0	0	1	0	2	4	13
ALL	99	39	54	49	8	5	9	5	43	57	33	100	501

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

TABLE 24-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	23	13	17	9	6	3	4	4	10	9	20	22	12
01	21	13	19	9	5	3	3	4	9	11	20	22	12
02	23	13	16	8	6	4	3	4	8	11	20	22	12
03	21	13	17	8	6	4	3	3	8	10	20	22	11
04	21	11	17	10	7	4	3	3	9	9	19	24	11
05	21	11	17	8	7	3	3	3	10	9	20	24	11
06	20	10	18	9	10	7	4	4	8	9	19	22	12
07	21	10	20	11	15	10	6	8	10	12	19	24	14
08	24	15	23	19	20	10	8	12	13	13	19	22	17
09	22	15	29	21	22	9	10	12	19	19	22	21	18
10	27	16	29	25	22	12	13	14	22	20	26	25	21
11	31	19	33	27	28	14	12	14	23	24	29	26	23
12	28	21	35	30	25	15	13	14	23	24	29	27	24
13	28	19	34	29	27	16	15	14	22	26	28	28	24
14	28	21	34	31	25	18	15	15	22	22	26	27	24
15	25	19	34	31	27	16	14	17	21	18	23	23	22
16	21	17	32	29	26	14	14	17	18	15	20	18	20
17	20	13	27	24	23	15	12	13	15	11	19	19	18
18	22	13	21	20	18	12	10	10	11	11	19	20	16
19	22	15	17	14	13	10	7	7	10	11	20	21	14
20	22	15	17	10	9	4	5	5	8	10	18	20	12
21	21	16	18	9	7	4	4	4	10	10	20	21	12
22	22	14	18	9	7	5	3	4	11	11	19	21	12
23	24	12	16	8	6	5	3	4	11	12	20	20	12
ALL	23	15	23	17	15	9	8	9	14	14	22	23	16

TABLE 24-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	10	6	10	3	1	1	1	1	5	4	10	12	6
01	11	7	8	3	2	1	1	2	4	5	9	11	5
02	11	6	8	4	2	1	1	1	4	4	9	12	5
03	8	7	8	3	1	1	1	1	3	3	10	13	5
04	11	6	9	4	1	1	1	1	3	4	11	12	5
05	11	6	8	4	1	1	1	1	3	4	10	12	5
06	10	5	7	4	3	1	2	1	4	6	8	12	5
07	11	7	10	5	6	3	2	2	4	7	9	11	6
08	12	5	12	7	9	3	2	4	6	7	9	10	7
09	12	6	14	8	8	3	3	5	9	9	10	10	8
10	13	8	15	12	10	3	4	7	9	11	14	12	10
11	15	9	17	10	13	4	5	7	11	13	15	14	11
12	14	10	19	14	12	5	5	6	12	11	15	15	12
13	14	9	20	13	13	6	7	6	12	13	16	15	12
14	15	10	19	13	12	5	5	7	10	10	15	14	11
15	13	8	18	14	12	7	6	7	10	8	12	10	10
16	11	7	15	14	11	6	4	8	8	7	9	8	9
17	11	5	13	12	10	5	3	5	7	6	8	8	8
18	12	6	10	9	7	4	4	4	6	6	10	11	7
19	8	7	9	5	6	3	3	4	4	6	9	11	6
20	10	6	8	5	2	1	1	2	4	5	10	11	5
21	11	6	8	4	3	1	1	1	5	5	11	11	6
22	11	5	8	4	2	1	1	1	4	4	11	12	5
23	12	6	9	3	2	1	2	2	4	4	9	10	5
ALL	12	7	12	7	6	3	3	4	6	7	11	12	7

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

TABLE 24-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	3	5	1	0	0	0	0	2	1	4	6	2
01	4	2	5	2	0	0	0	0	1	1	5	5	2
02	6	2	4	2	0	0	0	0	2	1	5	6	2
03	5	3	3	2	0	0	0	1	1	1	4	5	2
04	5	3	3	1	0	0	0	0	1	2	5	5	2
05	5	3	4	2	0	0	0	0	1	2	4	5	2
06	5	3	4	2	1	0	1	0	1	4	4	6	2
07	4	3	4	2	2	0	1	1	1	2	3	5	2
08	6	4	5	2	2	1	0	1	2	4	4	6	3
09	7	3	7	3	4	0	1	2	2	4	5	6	4
10	6	5	7	5	4	1	1	2	3	5	6	5	4
11	8	6	8	4	4	1	1	2	5	6	7	6	5
12	7	4	10	5	5	2	1	2	5	6	6	8	5
13	8	5	9	6	5	1	1	2	6	5	6	7	5
14	7	5	10	6	5	1	1	2	4	5	5	6	5
15	6	4	8	6	5	1	0	2	5	4	5	4	4
16	6	3	6	5	4	2	0	3	3	2	3	4	3
17	5	2	7	6	3	1	0	2	2	2	4	3	3
18	5	3	4	3	1	1	0	1	2	1	4	6	3
19	5	3	5	1	2	0	1	2	1	2	4	6	3
20	5	2	5	2	1	0	0	0	2	2	6	5	3
21	5	4	4	2	1	0	0	0	2	2	6	5	3
22	5	2	5	2	1	0	0	0	2	2	4	6	2
23	5	2	5	1	0	0	0	1	1	2	4	5	2
ALL	6	3	6	3	2	1	1	1	2	3	5	5	3

TABLE 24-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	3	0	0	0	0	0	0	0	1	2	1
01	2	1	2	0	0	0	0	0	0	0	1	1	1
02	3	1	2	0	0	0	0	0	0	0	2	2	1
03	2	1	1	0	0	0	0	0	1	0	2	2	1
04	2	1	1	0	0	0	0	0	0	0	2	2	1
05	3	1	1	0	0	0	0	0	0	0	1	2	1
06	3	2	1	1	0	0	0	0	0	0	1	2	1
07	2	1	2	1	0	0	0	0	1	0	0	2	1
08	3	2	1	1	0	0	0	0	0	0	1	2	1
09	2	2	3	1	1	0	0	0	0	2	1	2	1
10	2	1	4	1	1	0	0	0	1	1	2	2	1
11	4	2	3	2	2	0	0	0	1	2	3	2	2
12	3	2	4	2	2	0	0	0	2	2	3	3	2
13	3	1	3	1	2	0	0	0	2	2	2	3	2
14	3	1	3	3	2	0	0	0	1	2	3	3	2
15	2	1	3	1	2	1	0	0	2	1	2	2	1
16	3	2	1	1	1	0	0	1	1	1	1	2	1
17	3	1	1	2	1	0	0	0	1	0	1	1	1
18	3	1	2	1	1	0	0	0	1	1	1	1	1
19	3	1	2	0	1	0	0	0	1	1	1	1	1
20	3	1	1	0	0	0	0	0	1	1	1	2	1
21	2	2	2	0	0	0	0	0	1	1	2	2	1
22	2	1	2	0	0	0	0	0	1	0	1	1	1
23	2	1	2	0	0	0	0	0	0	0	1	2	1
ALL	3	1	2	1	1	0	0	0	1	1	2	2	1

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 24-1 THRU 24-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	421	390	409	415	430	414	429	428	417	429	414	428	5024
01	425	392	410	414	431	413	433	429	412	426	420	428	5033
02	423	390	409	418	433	414	431	428	418	429	417	426	5036
03	424	394	409	417	430	416	426	428	417	426	417	428	5032
04	423	391	413	415	430	417	431	429	415	426	418	430	5038
05	424	393	411	419	427	413	430	429	418	429	417	424	5034
06	422	388	400	409	412	389	400	403	395	416	411	423	4868
07	425	393	408	419	432	416	432	427	418	426	418	431	5045
08	425	394	410	418	433	415	430	423	416	426	419	425	5034
09	423	391	408	418	428	416	431	428	413	424	416	422	5018
10	422	391	409	415	425	413	432	427	417	429	417	422	5019
11	422	393	409	414	426	409	434	427	414	425	417	429	5019
12	413	380	399	408	412	394	403	414	400	412	407	418	4860
13	422	392	410	414	422	413	430	431	412	425	418	426	5015
14	425	393	410	416	425	413	430	429	413	426	419	430	5029
15	425	391	409	415	424	414	432	423	417	424	419	429	5022
16	422	393	408	414	429	413	428	429	415	428	415	431	5025
17	423	391	413	414	432	415	433	426	417	426	416	432	5038
18	423	384	407	415	424	390	411	417	398	414	413	427	4923
19	425	394	411	417	432	417	431	428	416	422	414	428	5035
20	426	393	410	417	431	417	433	430	416	422	418	429	5042
21	423	391	410	415	430	415	433	426	416	421	418	427	5025
22	426	391	412	418	433	415	432	425	415	427	417	430	5041
23	426	394	409	416	432	414	433	428	415	425	415	429	5036
	9387			9970		9875		10212		10183		10252	
ALL	10158		9813		10263		10268		9920		9990		120291

TABLE 24-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	14	15	18	18	19	8	25	16	17	23	17	14	16
01	16	27	13	34	13	23	9	11	28	9	15	14	17
02	14	22	25	24	36	25	8	21	24	13	18	16	19
03	24	27	22	19	15	27	15	17	17	12	15	15	19
04	17	24	20	18	21	13	15	31	14	22	16	14	18
05	17	19	20	18	14	15	29	15	18	26	17	15	18
06	15	17	23	12	5	15	13	18	20	15	16	18	16
07	16	16	22	20	5	7	16	20	16	22	20	16	16
08	17	16	16	14	13	9	17	8	16	18	19	12	15
09	19	9	18	18	8	8	16	9	11	11	17	15	14
10	16	18	20	13	2	12	13	7	11	10	14	17	13
11	16	16	18	12	9	5	4	7	10	12	13	12	12
12	23	15	19	13	20	12	8	9	9	8	14	13	14
13	18	11	22	17	18	11	8	19	13	10	16	12	15
14	18	19	22	14	17	4	12	9	10	13	16	18	15
15	29	24	17	13	13	11	10	12	12	21	14	13	16
16	27	18	18	15	14	7	14	11	11	20	23	9	16
17	16	27	19	16	13	10	8	9	10	29	24	14	16
18	11	22	21	13	5	6	16	17	12	39	20	12	16
19	18	20	30	15	9	20	7	4	15	28	6	13	16
20	19	10	15	11	16	11	13	15	25	23	8	14	15
21	13	15	12	18	22	7	35	13	17	20	13	17	16
22	17	13	20	17	30	11	8	17	20	13	14	11	16
23	14	23	21	20	23	15	7	11	22	16	12	7	16
ALL	18	18	19	15	13	10	12	12	14	17	16	14	15

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

TABLE 24-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	0	3	0	0	0	0	0	0	0	0	1
01	0	6	0	0	0	0	0	0	0	0	1	0	1
02	0	4	1	3	0	0	0	0	0	0	1	0	1
03	0	6	1	0	0	0	0	0	0	0	2	0	1
04	2	5	1	0	0	0	0	0	0	0	0	0	1
05	1	5	1	0	0	0	0	0	0	0	1	0	1
06	2	6	1	0	0	0	0	0	0	0	1	0	1
07	2	3	2	0	0	0	0	0	0	0	1	0	1
08	2	5	4	0	0	0	0	0	0	0	0	0	1
09	2	7	1	0	0	0	0	0	0	0	0	0	1
10	2	3	1	0	0	0	0	0	0	0	1	1	1
11	2	5	0	0	0	0	0	0	0	0	0	0	1
12	2	1	1	0	0	0	0	0	0	0	0	0	0
13	2	4	1	1	0	0	0	0	0	0	0	1	1
14	3	4	0	2	0	0	0	0	0	0	1	2	1
15	2	4	1	1	0	0	0	0	0	0	1	3	1
16	3	5	0	0	0	0	0	0	0	0	1	3	1
17	1	8	1	0	0	0	0	0	0	0	0	0	1
18	3	4	1	0	0	0	0	0	0	0	0	2	1
19	2	7	0	4	0	0	0	0	0	0	0	2	1
20	2	2	0	0	0	0	0	0	0	0	0	2	1
21	2	3	0	0	0	0	0	0	0	0	1	2	1
22	0	4	0	3	0	0	0	0	0	0	0	2	1
23	1	2	0	3	0	0	0	0	0	0	0	0	1
ALL	2	4	1	1	0	0	0	0	0	0	1	1	1

TABLE 24-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	4	1	0	0	0	0	0	0	0	0	1	1
01	5	4	1	0	0	0	0	0	0	0	0	1	2
02	5	6	2	3	0	0	0	0	0	0	0	1	2
03	6	10	0	0	0	0	0	0	0	0	1	1	2
04	2	9	1	0	0	0	0	0	0	0	0	1	1
05	3	2	1	0	0	0	0	0	0	0	0	1	1
06	3	5	1	0	0	0	0	0	0	0	0	0	1
07	3	5	1	0	0	0	0	0	0	0	0	0	1
08	2	10	1	1	0	0	0	0	0	0	0	0	1
09	2	12	0	0	0	0	0	0	0	0	0	0	1
10	2	8	0	0	0	0	0	0	0	0	0	1	1
11	2	5	0	0	0	0	0	0	0	0	0	0	1
12	3	4	0	0	0	0	0	0	0	0	0	0	1
13	3	8	0	0	0	0	0	0	0	0	0	1	1
14	3	6	1	0	0	0	0	0	0	0	0	1	1
15	2	5	1	0	0	0	0	0	0	0	0	1	1
16	2	6	1	0	0	0	0	0	0	0	0	1	1
17	1	12	1	0	0	0	0	0	0	0	0	1	1
18	3	10	1	0	0	0	0	0	0	0	0	1	1
19	2	10	0	0	0	0	0	0	0	0	0	2	1
20	3	10	0	0	0	0	0	0	0	0	0	4	2
21	4	11	0	0	0	0	0	0	0	0	0	1	2
22	4	9	0	0	0	0	0	0	0	0	0	2	2
23	3	4	0	0	0	0	0	0	0	0	0	0	1
ALL	3	7	1	0	0	0	0	0	0	0	0	1	1

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 24-5 THRU 24-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	97	49	68	38	26	13	16	19	42	40	84	95	587
01	91	50	76	37	23	13	11	18	39	46	84	93	581
02	98	51	66	35	25	16	12	19	34	46	84	93	579
03	87	52	69	35	27	15	13	12	35	43	82	96	566
04	89	43	71	40	28	15	13	13	36	37	81	103	569
05	89	45	71	34	29	13	14	13	40	39	84	101	572
06	86	38	71	36	40	26	16	17	30	39	79	94	572
07	91	40	81	48	64	42	25	35	43	49	79	103	700
08	104	58	93	81	86	43	36	52	55	55	81	93	837
09	90	57	120	89	93	36	44	53	80	80	90	89	921
10	114	61	118	105	95	51	54	58	92	87	107	106	1048
11	129	74	137	111	118	57	54	58	97	101	123	113	1172
12	115	78	138	122	105	59	51	56	93	99	120	112	1148
13	118	76	141	121	114	65	63	62	91	110	119	118	1198
14	118	81	137	131	108	74	66	64	92	93	109	115	1188
15	106	76	140	126	113	66	60	74	89	78	96	100	1124
16	88	67	131	119	110	58	58	71	74	64	83	78	1001
17	86	49	112	100	100	62	52	56	62	48	79	84	890
18	92	51	84	82	75	48	43	41	43	46	80	85	770
19	92	59	71	58	54	40	30	28	41	47	81	88	689
20	93	59	71	40	38	18	23	20	32	43	77	85	599
21	89	61	74	36	32	15	17	16	42	41	85	88	596
22	94	56	76	39	30	19	13	18	44	46	81	89	605
23	102	48	67	33	26	20	14	19	46	50	81	86	592
		1379		1696		884		892		1427		2307	
ALL	2358		2283		1559		798		1372		2149		19104

TABLE 24-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	12	25	21	36	0	20	17	0	21	17	26	9	18
01	9	26	21	55	14	20	25	13	33	13	19	13	19
02	18	36	39	33	57	25	17	20	13	17	19	14	23
03	36	35	41	21	25	100	33	33	15	15	15	17	26
04	27	29	21	19	25	33	33	50	14	25	20	16	22
05	23	19	33	14	25	0	50	20	17	17	22	13	21
06	19	11	29	21	0	33	17	0	29	8	13	26	18
07	26	17	25	20	0	8	13	13	12	21	21	23	19
08	27	11	16	15	5	23	13	11	19	17	19	19	17
09	22	9	17	23	0	7	20	14	17	18	14	19	16
10	17	16	18	16	2	17	21	7	11	15	16	18	14
11	19	25	21	5	12	7	0	7	13	18	16	15	15
12	30	14	22	13	20	15	11	4	11	11	17	15	16
13	19	11	31	14	22	24	7	19	12	11	18	16	18
14	24	20	25	10	10	5	9	7	19	16	20	25	18
15	39	17	16	19	12	7	20	17	14	22	22	16	19
16	38	32	24	18	12	16	11	18	13	30	27	3	20
17	26	39	17	21	14	5	17	17	7	28	29	14	19
18	18	27	25	15	3	14	25	13	8	48	17	17	19
19	25	31	31	25	11	27	0	0	18	38	8	15	20
20	27	20	16	22	25	33	0	33	27	36	7	21	21
21	15	17	21	20	25	17	0	20	20	24	11	23	18
22	13	24	32	29	30	25	0	0	22	5	16	13	18
23	18	36	23	20	25	0	0	0	28	11	21	7	18
ALL	23	22	24	18	12	15	13	13	16	19	18	16	18

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

TABLE 24-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	3	0	0
02	0	5	3	0	0	0	0	0	0	0	0	0	1
03	0	4	3	0	0	0	0	0	0	0	5	0	2
04	0	5	0	0	0	0	0	0	0	0	0	0	0
05	2	10	3	0	0	0	0	0	0	0	2	0	2
06	0	5	0	0	0	0	0	0	0	0	0	0	0
07	2	0	0	0	0	0	0	0	0	0	0	0	0
08	0	6	2	0	0	0	0	0	0	0	0	0	1
09	0	5	0	0	0	0	0	0	0	0	0	0	0
10	0	3	0	0	0	0	0	0	0	0	0	0	0
11	3	6	0	0	0	0	0	0	0	0	0	0	1
12	2	3	1	0	0	0	0	0	0	0	0	0	1
13	2	5	1	0	0	0	0	0	0	0	0	0	1
14	3	8	0	2	0	0	0	0	0	0	0	2	1
15	2	7	1	2	0	0	0	0	0	0	2	2	1
16	4	7	0	0	0	0	0	0	0	0	3	6	2
17	0	0	2	0	0	0	0	0	0	0	0	0	0
18	2	0	3	0	0	0	0	0	0	0	0	2	1
19	3	8	0	5	0	0	0	0	0	0	0	2	2
20	2	0	0	0	0	0	0	0	0	0	0	0	0
21	2	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	4	1	0	0	0	0	0	0	0	1	1	1

TABLE 24-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	3	0	0	0	0	0	0	0	0	2	1
01	6	0	0	0	0	0	0	0	0	0	0	2	2
02	2	0	0	0	0	0	0	0	0	0	0	2	1
03	0	0	0	0	0	0	0	0	0	0	3	2	1
04	0	4	0	0	0	0	0	0	0	0	0	0	0
05	0	4	0	0	0	0	0	0	0	0	0	0	0
06	2	0	0	0	0	0	0	0	0	0	0	0	0
07	4	4	0	0	0	0	0	0	0	0	0	0	1
08	0	11	0	0	0	0	0	0	0	0	0	0	1
09	0	4	0	0	0	0	0	0	0	0	0	0	0
10	0	6	0	0	0	0	0	0	0	0	0	0	0
11	2	6	0	0	0	0	0	0	0	0	0	0	1
12	2	3	0	0	0	0	0	0	0	0	0	0	0
13	2	5	0	0	0	0	0	0	0	0	0	0	1
14	2	5	1	0	0	0	0	0	0	0	0	0	1
15	0	7	1	0	0	0	0	0	0	0	0	0	1
16	2	7	0	0	0	0	0	0	0	0	0	3	1
17	0	0	2	0	0	0	0	0	0	0	0	0	0
18	0	0	3	0	0	0	0	0	0	0	0	0	0
19	0	4	0	0	0	0	0	0	0	0	0	2	1
20	2	0	0	0	0	0	0	0	0	0	0	0	0
21	0	4	0	0	0	0	0	0	0	0	0	0	0
22	2	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	3	0	0	0	0	0	0	0	0	0	1	1

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 24-8 THRU 24-10

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	44	25	39	14	6	5	6	6	19	18	42	53	277
01	47	27	33	11	7	5	4	8	15	23	36	48	264
02	45	22	32	15	7	4	6	5	16	18	37	50	257
03	36	27	34	14	4	3	3	6	13	13	40	54	247
04	44	23	38	17	4	3	6	4	14	16	46	50	265
05	47	23	33	15	4	3	4	5	12	18	41	52	257
06	42	21	28	15	14	3	6	5	14	25	31	50	254
07	47	26	40	20	26	12	8	8	17	29	38	48	319
08	50	19	50	28	38	13	8	18	27	30	37	43	361
09	50	23	59	32	34	14	15	22	36	38	43	42	408
10	53	32	61	48	44	12	19	28	37	47	57	49	487
11	65	36	71	41	57	15	22	29	47	55	64	59	561
12	59	37	76	58	51	20	19	26	47	46	60	61	560
13	59	37	84	54	55	25	28	27	48	54	66	63	600
14	63	41	78	56	51	21	23	28	42	44	61	59	567
15	56	30	75	59	51	27	25	29	43	36	51	44	526
16	48	29	60	60	49	25	19	34	32	30	37	36	459
17	47	18	52	50	44	22	12	23	30	25	35	36	394
18	51	23	40	36	29	14	16	16	24	25	41	48	363
19	35	26	36	22	28	11	12	15	17	24	39	48	313
20	44	25	32	21	8	6	6	9	15	22	41	48	277
21	47	24	34	17	12	6	5	5	20	21	44	48	283
22	47	18	34	18	10	4	3	3	18	19	45	53	272
23	51	22	35	11	8	6	8	8	18	18	39	41	265
ALL	1177	634	1154	732	641	279	283	367	621	694	1071	1183	8836

TABLE 24-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	30	32	33	0	0	*	0	14	0	17	8	16
01	11	25	20	57	*	0	*	0	0	0	19	13	18
02	25	63	50	33	*	50	0	0	29	20	15	15	27
03	32	40	54	43	100	100	*	67	0	25	6	10	28
04	35	36	29	40	*	*	100	50	17	22	29	14	28
05	26	20	25	13	*	*	50	0	33	22	33	17	23
06	15	20	43	17	0	0	0	0	67	13	6	32	21
07	33	18	38	33	0	0	33	33	40	11	17	24	25
08	24	15	26	22	0	40	0	33	33	19	19	19	21
09	32	11	18	50	0	0	20	0	0	17	23	19	19
10	12	21	23	33	0	25	25	10	18	14	29	30	20
11	25	17	21	12	11	0	0	10	21	26	18	13	18
12	29	7	22	11	32	17	33	0	17	9	23	18	19
13	23	6	36	23	29	0	25	22	17	19	16	27	22
14	27	20	33	14	17	0	33	0	17	18	14	36	22
15	56	27	12	26	13	0	0	10	15	13	33	25	23
16	54	45	32	35	6	25	0	18	15	33	27	6	28
17	38	67	11	29	18	25	0	22	0	44	29	29	26
18	30	40	35	17	0	0	0	0	14	83	33	17	27
19	35	42	40	20	0	0	0	0	17	50	12	13	24
20	30	33	16	11	40	0	0	50	38	50	13	30	26
21	18	29	28	30	33	0	0	*	25	38	13	32	24
22	14	25	30	25	25	0	*	0	25	14	17	17	20
23	25	38	32	33	0	0	0	0	33	25	28	10	24
ALL	28	26	28	26	14	13	17	12	19	22	20	20	23

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

TABLE 24-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	0	0	0	0	0	*	0	0	0	0	0	1
01	0	0	0	0	*	0	*	0	0	0	5	0	1
02	0	0	0	0	*	0	0	0	0	0	0	0	0
03	0	10	8	0	0	0	*	0	0	0	0	0	2
04	0	9	0	0	*	*	0	0	0	0	0	0	1
05	4	10	0	0	*	*	0	0	0	0	0	0	2
06	0	10	0	0	0	0	0	0	0	0	0	0	1
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	11	0	0	0	0	0	0	0	0	0	0	1
10	0	5	0	0	0	0	0	0	0	0	0	0	0
11	0	8	0	0	0	0	0	0	0	0	0	0	1
12	0	0	2	0	0	0	0	0	0	0	0	0	0
13	0	6	0	0	0	0	0	0	0	0	0	0	0
14	0	10	0	5	0	0	0	0	0	0	0	0	1
15	0	13	0	0	0	0	0	0	0	0	0	0	1
16	8	9	0	0	0	0	0	0	0	0	0	0	2
17	0	0	4	0	0	0	0	0	0	0	0	0	1
18	4	0	0	0	0	0	0	0	0	0	0	4	2
19	4	8	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	*	0	0	0	0	0
22	0	0	0	0	0	0	*	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	1	5	1	0	0	0	0	0	0	0	0	0	1

TABLE 24-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	0	0	0	0	0	*	0	0	0	0	0	1
01	0	0	0	0	*	0	*	0	0	0	0	0	0
02	0	0	0	0	*	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	*	0	0	0	0	0	0
04	0	8	0	0	*	*	0	0	0	0	0	0	1
05	0	0	0	0	*	*	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	8	0	0	0	0	0	0	0	0	0	0	1
08	0	7	0	0	0	0	0	0	0	0	0	0	1
09	0	10	0	0	0	0	0	0	0	0	0	0	1
10	0	5	0	0	0	0	0	0	0	0	0	0	0
11	0	8	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	6	0	0	0	0	0	0	0	0	0	0	0
14	0	10	0	0	0	0	0	0	0	0	0	0	1
15	0	13	0	0	0	0	0	0	0	0	0	0	1
16	0	9	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	*	0	0	0	0	0
22	5	0	0	0	0	0	*	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	4	0	0	0	0	0	0	0	0	0	0	0

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 24-11 THRU 24-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	22	10	19	3	1	2	0	1	7	5	18	24	112
01	19	8	20	7	0	1	0	1	5	3	21	23	108
02	24	8	16	9	0	2	1	2	7	5	20	27	121
03	22	10	13	7	1	1	0	3	4	4	16	21	102
04	19	12	14	5	0	0	1	2	6	9	21	22	111
05	23	12	16	9	0	0	2	2	3	9	15	23	114
06	20	11	14	7	3	1	2	2	3	15	18	25	121
07	18	12	16	9	7	2	3	3	5	9	12	21	117
08	25	14	19	10	7	5	2	3	9	16	16	27	153
09	30	10	28	11	15	2	5	7	8	18	22	26	182
10	25	19	30	19	17	4	4	10	11	21	24	20	204
11	33	24	34	18	19	5	6	10	19	27	28	24	247
12	29	15	41	20	19	6	3	8	18	23	26	33	241
13	32	18	36	26	21	6	4	9	22	21	25	30	250
14	30	20	41	23	23	6	6	9	18	22	21	25	244
15	25	15	33	25	23	5	1	10	20	16	21	16	210
16	24	11	25	21	18	8	2	11	13	9	11	16	169
17	21	6	27	23	11	4	2	9	8	9	17	14	151
18	23	10	17	12	5	2	2	5	7	6	18	24	131
19	22	12	20	5	8	2	3	8	6	10	17	24	137
20	23	9	19	10	5	2	1	2	8	10	23	23	135
21	22	14	18	10	3	2	1	0	8	8	23	22	131
22	21	8	20	8	4	1	0	1	8	7	18	24	120
23	20	8	19	3	1	1	2	3	6	8	18	20	109
ALL	572	296	555	300	211	70	53	121	229	290	469	554	3720

TABLE 24-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	17	0	43	100	0	*	*	*	50	*	33	14	31
01	25	33	38	50	*	*	*	*	0	*	17	40	29
02	9	100	63	100	*	*	*	*	50	*	0	13	28
03	30	67	60	100	*	*	*	100	0	*	0	13	29
04	20	50	33	50	*	*	*	*	50	*	29	13	28
05	23	25	33	*	*	*	*	*	50	*	50	0	26
06	18	17	25	0	*	*	*	0	100	0	0	29	17
07	40	25	50	40	*	*	*	*	33	0	0	22	33
08	17	0	50	20	0	*	*	50	50	0	33	30	25
09	22	17	27	75	0	*	*	0	0	22	20	25	24
10	10	40	31	50	0	*	*	0	40	17	43	30	28
11	33	25	38	29	13	*	*	0	50	22	27	11	27
12	27	0	25	29	25	*	*	0	33	22	36	18	24
13	25	0	64	0	63	*	0	50	14	13	22	38	33
14	45	50	25	20	44	0	*	0	17	14	8	55	29
15	60	60	15	17	0	0	*	0	22	50	30	43	29
16	64	50	0	25	17	100	*	0	17	25	0	14	29
17	45	75	17	50	33	*	0	0	0	*	40	50	38
18	25	60	43	25	0	0	*	*	0	100	33	33	34
19	55	67	43	0	0	*	*	0	0	100	25	40	40
20	45	75	0	100	0	0	*	*	40	75	0	25	34
21	33	33	13	50	0	0	*	*	25	75	0	25	26
22	10	0	43	100	0	*	*	*	67	50	33	40	32
23	43	50	71	100	0	*	*	*	50	50	75	11	46
ALL	31	36	36	36	20	13	0	14	27	33	23	26	30

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

TABLE 24-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	*	*	0	*	0	0	0
01	0	0	0	0	*	*	*	*	0	*	0	0	0
02	0	0	0	0	*	*	*	*	0	*	0	0	0
03	0	0	0	0	*	*	*	0	0	*	0	0	0
04	0	0	0	0	*	*	*	*	0	*	0	0	0
05	8	0	0	*	*	*	*	*	0	*	0	0	3
06	0	17	0	0	*	*	*	0	0	0	0	0	2
07	0	0	0	0	*	*	*	*	0	0	0	0	0
08	0	0	0	0	0	*	*	0	0	0	0	0	0
09	0	17	0	0	0	*	*	0	0	0	0	0	2
10	0	0	0	0	0	*	*	0	0	0	0	0	0
11	0	13	0	0	0	*	*	0	0	0	0	0	1
12	0	0	0	0	0	*	*	0	0	0	0	0	0
13	0	0	0	0	0	*	0	0	0	0	0	0	0
14	0	0	0	0	0	0	*	0	0	0	0	0	0
15	0	0	0	0	0	0	*	0	0	0	0	0	0
16	0	17	0	0	0	0	*	0	0	0	0	0	2
17	0	0	0	0	0	*	0	0	0	*	0	0	0
18	8	0	0	0	0	0	*	*	0	0	0	0	2
19	9	0	0	0	0	*	*	0	0	0	0	0	2
20	0	0	0	0	0	0	*	*	0	0	0	0	0
21	0	0	0	0	0	0	*	*	0	0	0	0	0
22	0	0	0	0	0	*	*	*	0	0	0	0	0
23	0	0	0	0	0	*	*	*	0	0	0	0	0
ALL	1	4	0	0	0	0	0	0	0	0	0	0	1

TABLE 24-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	*	*	0	*	0	0	0
01	0	0	0	0	*	*	*	*	0	*	0	0	0
02	0	0	0	0	*	*	*	*	0	*	0	0	0
03	0	0	0	0	*	*	*	0	0	*	0	0	0
04	0	0	0	0	*	*	*	*	0	*	0	0	0
05	0	0	0	*	*	*	*	*	0	*	0	0	0
06	0	0	0	0	*	*	*	0	0	0	0	0	0
07	0	25	0	0	*	*	*	*	0	0	0	0	2
08	0	17	0	0	0	*	*	0	0	0	0	0	2
09	0	14	0	0	0	*	*	0	0	0	0	0	2
10	0	0	0	0	0	*	*	0	0	0	0	0	0
11	0	13	0	0	0	*	*	0	0	0	0	0	1
12	0	0	0	0	0	*	*	0	0	0	0	0	0
13	0	0	0	0	0	*	0	0	0	0	0	0	0
14	0	0	0	0	0	0	*	0	0	0	0	0	0
15	0	0	0	0	0	0	*	0	0	0	0	0	0
16	0	17	0	0	0	0	*	0	0	0	0	0	2
17	0	0	0	0	0	*	0	0	0	*	0	0	0
18	0	0	0	0	0	0	*	*	0	0	0	0	0
19	0	0	0	0	0	*	*	0	0	0	0	0	0
20	0	0	0	0	0	0	*	*	0	0	0	0	0
21	0	0	0	0	0	0	*	*	0	0	0	0	0
22	10	0	0	0	0	*	*	*	0	0	0	0	3
23	0	0	0	0	0	*	*	*	0	0	0	0	0
ALL	0	5	0	0	0	0	0	0	0	0	0	0	0

STATION: RAF MILDENHALL, UK

WMO #: 035771

RUNWAY HEADING: 110-290

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 24-14 THRU 24-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	2	14	1	1	0	0	0	2	0	6	7	39
01	8	3	8	2	0	0	0	0	2	0	6	5	34
02	11	2	8	1	0	0	0	0	2	0	8	8	40
03	10	3	5	1	0	0	0	1	3	0	7	8	38
04	9	4	3	2	0	0	0	0	2	0	7	8	35
05	13	4	6	0	0	0	0	0	2	0	6	7	38
06	11	6	4	3	0	0	0	2	1	1	6	7	41
07	10	4	8	5	0	0	0	0	3	2	2	9	43
08	12	6	6	5	1	0	0	2	2	2	6	10	52
09	9	7	11	4	3	0	0	1	2	9	5	8	59
10	10	5	16	6	5	0	0	2	5	6	7	10	72
11	15	8	13	8	8	0	0	1	4	9	11	9	86
12	11	8	16	9	8	0	0	1	6	9	11	11	90
13	13	2	14	6	8	0	1	2	7	8	9	13	83
14	11	4	12	12	9	1	0	2	6	7	12	11	87
15	10	5	13	6	7	3	0	1	9	4	10	7	75
16	14	6	5	4	6	1	0	3	6	4	6	7	62
17	11	4	6	10	3	0	1	2	4	0	5	6	52
18	12	5	7	4	3	1	0	0	3	3	6	6	50
19	10	3	7	1	4	0	0	1	3	3	4	5	41
20	11	4	6	1	2	1	0	0	5	4	5	8	47
21	9	6	8	2	1	1	0	0	4	4	7	8	50
22	10	2	7	1	1	0	0	0	3	2	6	5	37
23	7	4	7	1	1	0	0	0	2	2	4	9	37
ALL	253	107	210	95	71	8	2	21	88	79	162	192	1288

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

TABLE 25-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	1	2	0	0	0	0	0	1	1	2	4	1
01	5	1	1	1	1	0	0	0	0	1	3	4	1
02	5	2	2	1	0	1	0	0	0	1	2	4	2
03	4	2	1	1	0	1	0	0	0	2	3	2	1
04	4	2	2	1	0	1	0	0	0	1	2	3	1
05	3	2	2	1	0	1	0	0	1	1	3	4	1
06	4	1	1	2	1	1	0	1	0	1	3	4	2
07	4	1	2	3	1	2	1	0	1	2	3	4	2
08	4	2	4	3	1	2	2	1	1	2	4	5	3
09	5	1	7	7	2	3	2	2	2	2	3	6	3
10	4	3	7	9	3	2	1	2	4	4	5	7	4
11	4	3	7	7	4	3	2	3	3	3	4	5	4
12	7	3	9	7	3	3	2	2	4	5	5	6	5
13	6	2	8	6	2	2	2	3	3	3	4	8	4
14	5	3	7	7	3	4	2	2	3	2	4	6	4
15	5	2	6	5	3	3	2	2	1	1	3	3	3
16	4	2	4	6	2	4	1	1	1	1	3	2	3
17	5	1	3	4	2	2	2	0	1	1	3	3	2
18	3	1	3	2	0	1	1	0	0	1	2	4	2
19	4	2	2	2	1	0	0	0	1	2	2	2	2
20	4	2	1	2	0	1	0	0	0	1	2	4	2
21	5	2	2	0	1	0	0	0	0	1	3	3	2
22	5	1	3	0	1	0	0	0	0	1	2	4	2
23	4	1	2	0	0	0	0	0	0	1	2	4	1
ALL	4	2	4	3	1	1	1	1	1	2	3	4	2

TABLE 25-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	1	0	0	0	0	0	0	0	1	1	1	1
01	3	0	1	0	0	0	0	0	0	0	1	2	1
02	2	1	0	1	0	0	0	0	0	1	1	2	1
03	2	1	0	1	0	0	0	0	0	1	1	1	1
04	2	1	1	0	0	0	0	0	0	1	1	1	1
05	2	0	0	0	0	0	0	0	0	1	0	1	0
06	2	0	0	0	0	0	0	0	0	0	1	1	1
07	2	0	1	0	0	0	0	0	0	0	2	2	1
08	2	0	1	1	0	1	0	0	1	1	1	4	1
09	2	0	2	1	1	0	0	0	1	1	1	3	1
10	2	1	2	3	1	1	0	0	0	2	1	3	1
11	2	1	2	1	0	1	0	1	0	1	2	3	1
12	2	1	3	1	0	1	0	1	1	1	2	2	1
13	3	1	2	2	0	0	0	0	1	1	2	3	1
14	2	1	2	2	0	0	1	0	1	1	2	2	1
15	1	1	2	1	0	1	0	0	1	0	1	1	1
16	1	1	1	1	0	1	0	0	0	0	1	1	1
17	1	1	0	0	1	0	0	0	1	1	1	1	1
18	1	0	2	0	0	0	0	0	0	1	1	1	0
19	1	1	1	1	0	0	0	0	0	1	0	1	1
20	2	0	0	1	0	1	0	0	0	1	1	1	1
21	2	1	1	0	0	0	0	0	0	0	0	1	0
22	3	1	1	0	0	0	0	0	0	1	0	2	1
23	2	1	1	0	0	0	0	0	0	0	1	1	1
ALL	2	1	1	1	0	0	0	0	0	1	1	2	1

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

TABLE 25-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	1	0	0	0	0	0	0	0	0	1	1	0
01	1	0	0	0	0	0	0	0	0	0	1	1	0
02	1	1	0	1	0	0	0	0	0	1	1	1	0
03	0	1	0	1	0	0	0	0	0	1	1	1	0
04	1	1	0	0	0	0	0	0	0	0	1	1	0
05	1	0	0	0	0	0	0	0	0	0	0	1	0
06	1	0	0	0	0	0	0	0	0	0	0	1	0
07	1	0	1	0	0	0	0	0	0	0	1	1	0
08	1	0	0	0	0	0	0	0	0	1	1	2	1
09	1	0	1	1	0	0	0	0	0	1	1	2	1
10	1	0	1	1	1	1	0	0	0	1	1	2	1
11	1	1	2	1	0	0	0	0	0	0	1	2	1
12	1	1	2	1	0	0	0	0	1	0	1	2	1
13	1	1	1	1	0	0	0	0	1	0	1	2	1
14	1	0	1	1	0	0	0	0	0	0	1	1	1
15	1	1	1	1	0	1	0	0	0	0	0	0	1
16	1	1	1	1	0	0	0	0	0	0	1	1	0
17	1	0	0	0	1	0	0	0	0	1	1	1	0
18	0	0	1	0	0	0	0	0	0	1	0	0	0
19	0	0	0	0	0	0	0	0	0	1	0	1	0
20	2	0	0	1	0	0	0	0	0	0	1	1	0
21	1	1	0	0	0	0	0	0	0	0	0	1	0
22	1	1	0	0	0	0	0	0	0	0	0	1	0
23	1	1	1	0	0	0	0	0	0	0	1	1	0
ALL	1	0	1	0	0	0	0	0	0	1	1	1	0

TABLE 25-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	1	0	0	0	0	0	0	0	0	1	0	0
01	0	0	0	0	0	0	0	0	0	0	1	0	0
02	0	0	0	0	0	0	0	0	0	0	1	1	0
03	0	1	0	0	0	0	0	0	0	0	1	0	0
04	0	0	0	0	0	0	0	0	0	0	1	0	0
05	0	0	0	0	0	0	0	0	0	0	0	1	0
06	0	0	0	0	0	0	0	0	0	0	0	1	0
07	0	0	0	0	0	0	0	0	0	0	0	1	0
08	0	0	0	0	0	0	0	0	0	0	0	1	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	1	1	0	0	0	0	0	1	0
11	0	0	1	0	0	0	0	0	0	0	0	1	0
12	0	1	1	1	0	0	0	0	0	0	0	1	0
13	0	0	1	0	0	0	0	0	0	0	0	1	0
14	0	0	1	1	0	0	0	0	0	0	1	0	0
15	0	0	0	0	0	1	0	0	0	0	0	0	0
16	0	0	0	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	1	0	0
18	0	0	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	1	0
20	1	0	0	0	0	0	0	0	0	0	1	1	0
21	0	1	0	0	0	0	0	0	0	0	0	0	0
22	0	1	0	0	0	0	0	0	0	0	0	0	0
23	0	1	0	0	0	0	0	0	0	0	1	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	1	0

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 25-1 THRU 25-4:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	408	366	415	395	385	377	404	404	390	415	395	413	4767
01	410	373	407	389	371	376	401	406	402	414	398	413	4760
02	410	364	406	389	379	374	403	405	386	411	402	414	4743
03	415	365	407	396	387	378	410	410	394	411	400	407	4780
04	411	372	411	392	390	374	402	412	402	413	399	409	4787
05	401	369	407	398	390	389	406	415	400	407	393	412	4787
06	409	373	410	405	381	378	404	409	397	417	405	417	4805
07	415	369	413	407	389	384	417	417	401	413	399	409	4833
08	412	370	406	399	387	384	412	414	400	413	402	410	4809
09	410	369	410	404	389	382	412	413	393	410	397	406	4795
10	403	381	416	400	389	384	405	418	408	412	401	410	4827
11	410	378	416	398	383	381	410	428	402	414	396	411	4827
12	408	369	408	388	380	380	398	412	393	413	401	409	4759
13	404	367	405	395	374	376	402	408	392	404	396	411	4734
14	410	366	403	391	380	383	413	411	399	414	397	418	4765
15	413	366	403	401	382	378	413	413	402	412	406	414	4803
16	404	369	408	394	390	384	415	419	401	416	403	409	4812
17	402	366	412	408	388	378	412	409	404	413	400	412	4804
18	409	375	413	399	388	382	405	407	395	414	398	413	4798
19	415	375	411	398	388	385	406	412	396	412	396	411	4805
20	405	377	401	392	376	371	406	411	388	409	398	411	4745
21	414	378	407	404	397	380	414	413	406	416	397	419	4845
22	421	378	416	393	384	383	403	415	397	413	403	415	4821
23	403	362	399	384	379	378	404	409	389	379	368	409	4663
ALL	9822	8897	9810	9519	9226	9119	9777	9890	9537	9865	9550	9882	114894

TABLE 25-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	33	43	0	0	*	*	0	100	67	22	38	36
01	40	80	80	33	0	0	*	50	*	67	42	35	44
02	25	83	0	33	*	50	0	0	*	50	50	18	30
03	17	29	33	33	*	33	*	0	*	57	17	10	23
04	20	14	38	33	0	50	*	0	0	60	22	38	29
05	43	14	43	25	100	33	0	*	0	50	10	44	33
06	53	0	50	33	0	50	*	50	*	50	9	28	34
07	63	60	22	18	0	29	40	0	50	13	25	53	37
08	19	33	12	27	20	44	11	17	0	13	38	35	24
09	19	0	4	19	14	30	29	13	22	33	15	25	18
10	18	9	3	21	23	13	40	0	13	13	26	17	16
11	17	9	3	23	13	33	22	9	8	8	24	38	18
12	3	20	14	14	8	18	25	0	6	14	23	24	14
13	12	22	16	20	22	22	22	9	8	21	27	23	18
14	32	18	17	14	25	7	20	0	0	30	27	22	18
15	26	22	4	5	40	31	13	0	40	0	42	23	19
16	27	63	31	4	50	14	0	50	40	80	27	30	28
17	26	20	18	24	38	29	22	0	33	25	38	29	27
18	18	20	29	14	0	0	40	*	0	33	33	38	27
19	27	13	50	17	50	*	50	100	50	71	25	50	39
20	29	17	17	56	*	0	0	*	*	40	44	12	27
21	23	33	29	100	67	100	50	100	*	20	64	21	36
22	20	60	42	0	0	100	0	100	*	25	67	38	37
23	31	60	50	0	0	*	0	0	*	100	38	13	32
ALL	26	28	19	19	24	26	22	15	17	30	30	28	24

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

TABLE 25-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	0	0	0	0	*	*	0	0	0	0	13	5
01	10	0	0	0	0	0	*	0	*	0	8	6	6
02	10	0	0	0	*	0	0	0	*	0	10	12	7
03	11	14	0	0	*	0	*	0	*	0	0	0	5
04	7	0	25	0	0	0	*	0	0	0	11	15	9
05	7	0	14	25	0	0	0	*	0	0	0	13	7
06	6	25	0	11	0	0	*	0	*	0	9	11	8
07	0	0	11	9	0	0	0	0	0	0	0	18	5
08	13	0	0	0	0	0	0	0	0	0	0	5	2
09	5	0	4	0	0	0	0	0	0	0	0	4	2
10	6	0	0	0	0	0	0	0	0	0	0	7	1
11	11	0	3	0	0	0	0	0	0	0	0	0	2
12	14	10	3	4	0	0	0	0	0	0	0	0	3
13	4	0	6	4	0	0	0	0	0	0	7	3	3
14	0	9	0	0	0	0	0	0	0	0	0	0	1
15	5	0	0	5	0	0	0	0	0	0	8	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	21	0	0	0	0	0	0	0	0	0	15	7	6
18	0	0	0	0	0	0	0	*	0	0	11	0	1
19	7	0	0	0	0	*	0	0	0	0	0	10	3
20	6	17	0	0	*	0	0	*	*	0	11	29	11
21	14	17	0	0	0	0	0	0	*	0	9	21	11
22	10	20	0	0	0	0	0	0	*	0	0	13	7
23	6	0	0	0	0	*	0	0	*	0	13	6	5
ALL	8	4	2	2	0	0	0	0	0	0	4	8	4

TABLE 25-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	0	0	0	0	*	*	0	0	0	11	0	3
01	5	0	0	0	0	0	*	0	*	0	17	0	4
02	10	0	0	0	*	0	0	0	*	0	22	0	6
03	11	0	0	0	*	0	*	0	*	0	8	0	5
04	0	0	0	0	0	0	*	0	0	0	11	0	2
05	0	14	0	0	0	0	0	*	0	0	10	0	3
06	0	25	0	0	0	0	*	0	*	0	18	0	4
07	0	0	11	0	0	0	0	0	0	0	0	6	2
08	6	0	0	0	0	0	0	0	0	0	13	0	2
09	5	0	0	0	0	0	0	0	0	0	8	0	1
10	6	9	0	0	0	0	0	0	0	0	5	3	2
11	6	18	0	0	0	0	0	0	0	0	12	0	3
12	7	10	0	0	0	0	0	0	0	0	23	0	3
13	0	11	0	0	0	0	0	0	0	0	13	0	1
14	0	27	0	0	0	0	0	0	0	0	0	0	2
15	16	22	0	0	0	0	0	0	0	0	25	0	5
16	7	0	6	0	0	0	0	0	0	0	9	0	2
17	11	0	0	0	0	0	0	0	0	0	15	0	4
18	9	0	0	0	0	0	0	*	0	0	22	13	7
19	7	13	0	0	0	*	0	0	0	0	25	0	5
20	6	0	0	0	*	0	0	*	*	0	11	12	5
21	9	17	0	0	0	0	0	0	*	0	9	7	7
22	5	0	0	0	0	0	0	0	*	0	11	0	3
23	6	20	0	100	0	*	0	0	*	0	25	0	8
ALL	6	9	1	0	0	0	0	0	0	0	13	2	3

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 25-5 THRU 25-7:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	18	3	7	1	1	0	0	1	2	3	9	16	61
01	20	5	5	3	2	1	0	2	0	3	12	17	70
02	20	6	8	3	0	2	1	2	0	4	9	17	72
03	18	7	3	3	0	3	0	1	0	7	12	10	64
04	15	7	8	3	1	2	0	1	1	5	9	13	65
05	14	7	7	4	1	3	1	0	2	4	10	16	69
06	17	4	4	9	2	4	0	4	0	6	11	18	79
07	16	5	9	11	2	7	5	2	4	8	12	17	98
08	16	6	16	11	5	9	9	6	4	8	15	20	125
09	21	3	28	27	7	10	7	8	9	9	13	24	166
10	17	11	30	34	11	8	5	9	15	16	19	29	204
11	18	11	29	26	15	12	9	11	13	12	17	21	194
12	29	10	37	28	13	11	8	10	17	22	22	25	232
13	26	9	32	25	8	9	9	11	13	13	15	31	201
14	19	11	29	28	12	14	10	9	11	10	15	23	191
15	19	9	25	22	10	12	8	7	5	5	12	13	147
16	15	8	16	23	8	14	4	4	5	5	11	10	123
17	18	5	11	17	8	7	9	1	6	4	13	14	113
18	11	5	14	7	1	2	5	0	1	3	9	16	74
19	15	8	10	6	2	0	2	2	4	7	8	10	74
20	17	6	6	9	0	3	1	0	0	5	9	17	73
21	22	6	7	1	3	1	2	2	0	5	11	14	74
22	20	5	12	1	2	1	2	1	0	4	9	16	73
23	16	5	8	1	1	0	1	1	0	2	8	16	59
ALL	437	162	361	303	115	135	98	95	112	170	290	423	2701

TABLE 25-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	42	50	0	*	*	*	*	*	*	67	0	40	37
01	45	100	75	0	0	*	*	*	*	50	33	43	47
02	30	67	0	50	*	*	*	*	*	33	75	0	32
03	13	0	0	0	*	0	*	*	*	67	20	25	18
04	22	0	67	*	*	*	*	*	*	67	25	33	32
05	43	0	*	0	100	*	*	*	*	33	0	20	32
06	60	0	0	50	*	*	*	*	*	0	20	33	37
07	75	*	40	100	*	*	100	*	*	0	33	57	53
08	33	0	0	0	*	100	*	*	0	25	20	33	27
09	29	*	0	33	50	0	*	0	50	20	25	31	24
10	14	0	0	20	67	33	100	0	0	14	50	38	25
11	14	25	11	20	100	50	0	33	0	0	13	50	25
12	10	20	18	60	0	0	*	0	20	0	25	20	18
13	18	0	22	17	*	100	100	50	0	17	17	33	23
14	11	33	22	14	*	100	0	0	0	17	29	44	22
15	33	33	13	0	100	67	0	0	33	0	50	50	32
16	40	33	60	25	100	33	0	100	0	0	50	40	42
17	75	0	0	50	50	*	0	*	50	25	50	20	38
18	50	100	43	0	*	0	*	*	*	33	50	33	41
19	0	0	67	50	100	*	100	100	0	80	100	67	58
20	29	0	50	67	*	0	*	*	*	25	100	33	37
21	29	50	33	100	100	*	*	*	*	*	100	40	45
22	18	100	75	*	*	100	*	*	*	0	100	57	47
23	50	50	0	*	*	*	*	*	*	100	60	0	36
ALL	32	27	25	28	67	43	36	29	17	27	36	36	32

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

TABLE 25-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	0	0	*	*	*	*	*	*	0	0	0	4
01	9	0	0	0	0	*	*	*	*	0	0	0	3
02	10	0	0	0	*	*	*	*	*	0	0	14	6
03	0	25	0	0	*	0	*	*	*	0	0	0	4
04	0	0	0	*	*	*	*	*	*	0	25	17	7
05	14	0	*	0	0	*	*	*	*	0	0	20	11
06	0	0	0	50	*	*	*	*	*	0	0	0	4
07	0	*	20	0	*	*	0	*	*	0	0	0	3
08	0	0	0	0	*	0	*	*	0	0	0	7	2
09	0	*	13	0	0	0	*	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	14	0	0	0	0	0	0	0	0	0	0	0	2
12	10	0	0	0	0	0	*	0	0	0	0	0	2
13	0	0	0	0	*	0	0	0	0	0	0	8	2
14	0	0	0	0	*	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	*	0	*	0	0	25	20	7
18	0	0	0	0	*	0	*	*	*	0	0	0	0
19	33	0	0	0	0	*	0	0	0	0	0	17	8
20	14	0	0	0	*	0	*	*	*	0	0	0	4
21	0	0	0	0	0	*	*	*	*	*	0	0	0
22	9	0	0	*	*	0	*	*	*	0	0	0	3
23	13	0	0	*	*	*	*	*	*	0	0	0	4
ALL	5	2	2	1	0	0	0	0	0	0	2	4	3

TABLE 25-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	0	0	*	*	*	*	*	*	0	0	0	4
01	0	0	0	0	0	*	*	*	*	0	0	0	0
02	10	0	0	0	*	*	*	*	*	0	0	0	3
03	0	0	0	0	*	0	*	*	*	0	0	0	0
04	0	0	0	*	*	*	*	*	*	0	0	0	0
05	0	0	*	0	0	*	*	*	*	0	0	0	0
06	0	0	0	0	*	*	*	*	*	0	0	0	0
07	0	*	20	0	*	*	0	*	*	0	0	0	3
08	0	0	0	0	*	0	*	*	0	0	0	0	0
09	0	*	0	0	0	0	*	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	20	0	0	0	0	*	0	0	0	0	0	2
13	0	33	0	0	*	0	0	0	0	0	17	0	3
14	0	0	0	0	*	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	20	0	0	0	0	0	0	0	0	0	0	0	3
17	0	0	0	0	0	*	0	*	0	0	0	0	0
18	25	0	0	0	*	0	*	*	*	0	0	33	9
19	33	0	0	0	0	*	0	0	0	0	0	0	4
20	14	0	0	0	*	0	*	*	*	0	0	0	4
21	0	50	0	0	0	*	*	*	*	*	0	0	5
22	9	0	0	*	*	0	*	*	*	0	0	0	3
23	13	0	0	*	*	*	*	*	*	0	0	0	8
ALL	4	0	1	0	0	0	0	0	0	0	1	1	2

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 25-8 THRU 25-10:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	12	2	2	0	0	0	0	0	0	3	3	5	27
01	11	1	4	1	1	0	0	0	0	2	3	7	30
02	10	3	2	2	0	0	0	0	0	3	4	7	31
03	8	4	1	2	0	1	0	0	0	3	5	4	28
04	9	3	3	0	0	0	0	0	0	3	4	6	28
05	7	1	0	1	1	0	0	0	0	3	1	5	19
06	10	1	1	2	0	0	0	0	0	2	5	6	27
07	8	0	5	1	0	0	1	0	0	2	6	7	30
08	9	1	3	4	0	2	0	0	2	4	4	15	44
09	7	0	8	6	2	1	0	1	2	5	4	13	49
10	7	3	9	10	2	3	1	2	1	7	6	13	64
11	7	4	9	5	1	2	1	3	2	5	8	14	61
12	10	5	11	5	1	2	0	3	5	5	8	10	65
13	11	3	9	6	0	1	1	2	3	5	6	12	59
14	9	3	9	7	0	1	3	2	4	6	7	9	60
15	6	3	8	4	1	3	1	1	3	1	4	6	41
16	5	3	5	4	1	3	1	2	2	1	4	5	36
17	4	2	1	2	2	0	1	0	4	4	4	5	29
18	4	1	7	1	0	1	0	0	0	3	2	3	22
19	3	2	3	2	1	0	1	1	1	5	1	6	26
20	7	1	2	3	0	2	0	0	0	4	2	6	27
21	7	2	3	1	1	0	0	0	0	0	1	5	20
22	11	2	4	0	0	1	0	0	0	3	2	7	30
23	8	2	4	0	0	0	0	0	0	1	5	5	25
ALL	190	52	113	69	14	23	11	17	29	80	99	181	878

TABLE 25-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	43	50	0	*	*	*	*	*	*	50	0	25	33
01	67	100	100	0	0	*	*	*	*	50	33	40	50
02	33	50	0	50	*	*	*	*	*	33	75	0	36
03	0	0	0	0	*	*	*	*	*	67	20	25	19
04	33	0	50	*	*	*	*	*	*	100	33	40	41
05	20	0	*	0	100	*	*	*	*	0	0	25	20
06	60	0	0	100	*	*	*	*	*	*	*	40	46
07	75	*	25	100	*	*	*	*	*	0	50	50	48
08	50	0	0	0	*	*	*	*	0	33	0	40	27
09	40	*	0	50	0	*	*	*	0	33	33	22	27
10	25	*	0	20	100	50	*	0	*	25	75	14	29
11	0	33	14	0	*	100	*	0	0	0	0	63	23
12	20	25	29	75	0	*	*	0	50	0	33	29	32
13	33	0	17	50	*	*	*	50	0	50	25	29	27
14	0	100	20	20	*	100	0	0	0	0	40	25	23
15	20	0	20	0	100	67	*	*	100	0	0	100	32
16	33	50	50	50	100	*	0	100	*	0	33	40	46
17	67	0	0	*	50	*	0	*	0	25	67	33	35
18	0	*	40	0	*	0	*	*	*	33	100	0	27
19	0	0	100	*	100	*	100	*	0	80	100	80	72
20	29	0	50	67	*	0	*	*	*	50	100	20	39
21	67	50	50	100	100	*	*	*	*	*	*	50	62
22	17	100	50	*	*	*	*	*	*	0	100	50	42
23	75	50	0	*	*	*	*	*	*	100	50	0	35
ALL	35	30	25	36	67	56	25	30	17	37	39	35	34

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

TABLE 25-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	*	*	*	0	0	0	0
01	0	0	0	0	0	*	*	*	*	0	0	0	0
02	0	0	0	0	*	*	*	*	*	0	0	0	0
03	0	25	0	0	*	*	*	*	*	0	0	0	5
04	0	0	0	*	*	*	*	*	*	0	33	0	6
05	20	0	*	0	0	*	*	*	*	0	0	0	7
06	0	0	0	0	*	*	*	*	*	*	*	0	0
07	0	*	25	0	*	*	*	*	*	0	0	0	5
08	0	0	0	0	*	*	*	*	0	0	0	10	4
09	0	*	0	0	0	*	*	*	0	0	0	0	0
10	0	*	0	0	0	0	*	0	*	0	0	0	0
11	25	0	0	0	*	0	*	0	0	0	0	0	3
12	20	0	0	0	0	*	*	0	0	0	0	0	3
13	0	0	0	0	*	*	*	0	0	0	0	14	3
14	0	0	0	0	*	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	*	*	0	0	0	0	0
16	0	0	0	0	0	*	0	0	*	0	0	0	0
17	0	0	0	*	0	*	0	*	0	0	33	0	5
18	0	*	0	0	*	0	*	*	*	0	0	0	0
19	0	0	0	*	0	*	0	*	0	0	0	0	0
20	14	0	0	0	*	0	*	*	*	0	0	0	4
21	0	0	0	0	0	*	*	*	*	*	*	0	0
22	0	0	0	*	*	*	*	*	*	0	0	0	0
23	0	0	0	*	*	*	*	*	*	0	0	0	0
ALL	4	3	1	0	0	0	0	0	0	0	3	2	2

TABLE 25-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	*	*	*	0	0	0	0
01	0	0	0	0	0	*	*	*	*	0	0	0	0
02	17	0	0	0	*	*	*	*	*	0	0	0	5
03	0	0	0	0	*	*	*	*	*	0	0	0	0
04	0	0	0	*	*	*	*	*	*	0	0	0	0
05	0	0	*	0	0	*	*	*	*	0	0	0	0
06	0	0	0	0	*	*	*	*	*	*	*	0	0
07	0	*	25	0	*	*	*	*	*	0	0	0	5
08	0	0	0	0	*	*	*	*	0	0	0	0	0
09	0	*	0	0	0	*	*	*	0	0	0	0	0
10	0	*	0	0	0	0	*	0	*	0	0	0	0
11	0	0	0	0	*	0	*	0	0	0	0	0	0
12	0	0	0	0	0	*	*	0	0	0	0	0	0
13	0	0	0	0	*	*	*	0	0	0	0	0	0
14	0	0	0	0	*	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	*	*	0	0	0	0	0
16	0	0	0	0	0	*	0	0	*	0	0	0	0
17	0	0	0	*	0	*	0	*	0	0	0	0	0
18	50	*	0	0	*	0	*	*	*	0	0	50	13
19	0	0	0	*	0	*	0	*	0	0	0	0	0
20	14	0	0	0	*	0	*	*	*	0	0	0	4
21	0	50	0	0	0	*	*	*	*	*	*	0	8
22	0	0	0	*	*	*	*	*	*	0	0	0	0
23	0	50	0	*	*	*	*	*	*	0	0	0	6
ALL	3	5	1	0	0	0	0	0	0	0	0	1	1

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 25-11 THRU 25-13:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	7	2	1	0	0	0	0	0	0	2	2	4	18
01	3	1	2	1	1	0	0	0	0	2	3	5	18
02	6	2	1	2	0	0	0	0	0	3	4	4	22
03	2	4	1	2	0	0	0	0	0	3	5	4	21
04	3	2	2	0	0	0	0	0	0	2	3	5	17
05	5	1	0	1	1	0	0	0	0	2	1	4	15
06	5	1	1	1	0	0	0	0	0	0	0	5	13
07	4	0	4	1	0	0	0	0	0	2	4	6	21
08	4	1	2	1	0	0	0	0	1	3	3	10	25
09	5	0	4	4	1	0	0	0	1	3	3	9	30
10	4	0	5	5	2	2	0	1	0	4	4	7	34
11	4	3	7	3	0	1	0	2	1	2	4	8	35
12	5	4	7	4	1	0	0	1	2	1	6	7	38
13	6	2	6	2	0	0	0	2	2	1	4	7	32
14	3	1	5	5	0	1	1	2	1	2	5	4	30
15	5	2	5	3	1	3	0	0	1	1	2	2	25
16	3	2	4	2	1	0	1	2	0	1	3	5	24
17	3	1	1	0	2	0	1	0	2	4	3	3	20
18	2	0	5	1	0	1	0	0	0	3	1	2	15
19	1	1	2	0	1	0	1	0	1	5	1	5	18
20	7	1	2	3	0	1	0	0	0	2	2	5	23
21	3	2	2	1	1	0	0	0	0	0	0	4	13
22	6	2	2	0	0	0	0	0	0	2	1	6	19
23	4	2	4	0	0	0	0	0	0	1	2	4	17
ALL	100	37	75	42	12	9	4	10	12	51	66	125	543

TABLE 25-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	50	0	*	*	*	*	*	*	0	0	100	38
01	100	100	*	*	0	*	*	*	*	*	50	50	57
02	50	0	*	0	*	*	*	*	*	0	75	0	31
03	0	0	*	0	*	*	*	*	*	100	20	0	18
04	0	0	100	*	*	*	*	*	*	100	50	0	50
05	50	0	*	*	*	*	*	*	*	*	0	33	29
06	100	*	*	*	*	*	*	*	*	*	*	33	50
07	50	*	0	100	*	*	*	*	*	0	100	75	55
08	100	*	0	0	*	*	*	*	*	100	*	33	43
09	100	*	0	50	*	*	*	*	0	0	*	0	25
10	100	*	0	0	100	50	*	*	*	100	100	0	50
11	0	0	0	*	*	*	*	0	*	*	*	60	27
12	50	33	25	67	0	*	*	*	0	*	50	25	35
13	*	0	33	*	*	*	*	50	*	100	0	0	27
14	0	100	33	33	*	100	0	*	*	0	25	0	29
15	0	0	0	0	100	100	*	*	*	0	0	*	33
16	0	100	50	50	100	*	*	100	*	*	100	100	64
17	*	*	0	*	100	*	*	*	*	25	100	0	44
18	0	*	50	*	*	*	*	*	*	0	100	0	38
19	*	0	100	*	*	*	100	*	0	100	100	100	78
20	33	*	50	0	*	0	*	*	*	100	100	33	46
21	100	50	100	*	*	*	*	*	*	*	*	0	57
22	0	100	0	*	*	*	*	*	*	*	100	100	57
23	100	50	0	*	*	*	*	*	*	*	50	0	43
ALL	45	39	29	35	71	67	50	50	0	45	54	35	41

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

TABLE 25-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	*	*	*	0	0	0	0
01	0	0	*	*	0	*	*	*	*	*	0	0	0
02	0	0	*	0	*	*	*	*	*	0	0	0	0
03	0	0	*	0	*	*	*	*	*	0	0	0	0
04	0	0	0	*	*	*	*	*	*	0	0	0	0
05	0	0	*	*	*	*	*	*	*	*	0	0	0
06	0	*	*	*	*	*	*	*	*	*	*	0	0
07	0	*	0	0	*	*	*	*	*	0	0	0	0
08	0	*	0	0	*	*	*	*	*	0	*	0	0
09	0	*	0	0	*	*	*	*	0	0	*	0	0
10	0	*	0	0	0	0	*	*	*	0	0	0	0
11	0	0	0	*	*	*	*	0	*	*	*	0	0
12	0	0	0	0	0	*	*	*	0	*	0	0	0
13	*	0	0	*	*	*	*	0	*	0	0	33	9
14	0	0	0	0	*	0	0	*	*	0	0	0	0
15	0	0	0	0	0	0	*	*	*	0	0	*	0
16	0	0	0	0	0	*	*	0	*	*	0	0	0
17	*	*	0	*	0	*	*	*	*	0	0	0	0
18	0	*	0	*	*	*	*	*	*	0	0	0	0
19	*	0	0	*	*	*	0	*	0	0	0	0	0
20	0	*	0	0	*	0	*	*	*	0	0	0	0
21	0	0	0	*	*	*	*	*	*	*	*	0	0
22	0	0	0	*	*	*	*	*	*	*	0	0	0
23	0	0	0	*	*	*	*	*	*	*	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	2	0

TABLE 25-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	*	*	*	0	0	0	0
01	0	0	*	*	0	*	*	*	*	*	0	0	0
02	0	0	*	0	*	*	*	*	*	0	0	0	0
03	0	0	*	0	*	*	*	*	*	0	0	0	0
04	0	0	0	*	*	*	*	*	*	0	0	0	0
05	0	0	*	*	*	*	*	*	*	*	0	0	0
06	0	*	*	*	*	*	*	*	*	*	*	0	0
07	0	*	50	0	*	*	*	*	*	0	0	0	9
08	0	*	0	0	*	*	*	*	*	0	*	0	0
09	0	*	0	0	*	*	*	*	0	0	*	0	0
10	0	*	0	0	0	0	*	*	*	0	0	0	0
11	0	0	0	*	*	*	*	0	*	*	*	0	0
12	0	0	0	0	0	*	*	*	0	*	0	0	0
13	*	0	0	*	*	*	*	0	*	*	0	0	0
14	0	0	0	0	*	0	0	*	*	0	0	0	0
15	0	0	0	0	0	0	*	*	*	0	0	*	0
16	0	0	0	0	0	*	*	0	*	*	0	0	0
17	*	*	0	*	0	*	*	*	*	0	0	0	0
18	100	*	0	*	*	*	*	*	*	0	0	0	13
19	*	0	0	*	*	*	0	*	0	0	0	0	0
20	0	*	0	0	*	0	*	*	*	0	0	0	0
21	0	50	0	*	*	*	*	*	*	*	*	0	14
22	0	0	0	*	*	*	*	*	*	*	0	0	0
23	0	50	0	*	*	*	*	*	*	*	0	0	14
ALL	3	9	3	0	0	0	0	0	0	0	0	0	2

STATION: NUERNBERG, FRG

WMO #: 107630 RUNWAY HEADING: 100-280

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 25-14 THRU 25-16:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	2	1	0	0	0	0	0	0	1	2	1	8
01	1	1	0	0	1	0	0	0	0	0	2	2	7
02	2	1	0	1	0	0	0	0	0	2	4	3	13
03	1	2	0	1	0	0	0	0	0	1	5	1	11
04	1	1	1	0	0	0	0	0	0	2	2	1	8
05	2	1	0	0	0	0	0	0	0	0	1	3	7
06	1	0	0	0	0	0	0	0	0	0	0	3	4
07	2	0	2	1	0	0	0	0	0	1	1	4	11
08	1	0	1	1	0	0	0	0	0	1	0	3	7
09	1	0	1	2	0	0	0	0	1	1	0	2	8
10	1	0	2	1	2	2	0	0	0	1	2	3	14
11	1	1	3	0	0	0	0	1	0	0	0	5	11
12	2	3	4	3	1	0	0	0	1	0	2	4	20
13	0	1	3	0	0	0	0	2	0	0	1	3	10
14	2	1	3	3	0	1	1	0	0	1	4	1	17
15	1	1	1	1	1	2	0	0	0	1	1	0	9
16	2	1	2	2	1	0	0	1	0	0	1	1	11
17	0	0	1	0	1	0	0	0	0	4	2	1	9
18	1	0	4	0	0	0	0	0	0	1	1	1	8
19	0	1	1	0	0	0	1	0	1	1	1	3	9
20	3	0	2	1	0	1	0	0	0	1	2	3	13
21	2	2	1	0	0	0	0	0	0	0	0	2	7
22	2	2	1	0	0	0	0	0	0	0	1	1	7
23	1	2	1	0	0	0	0	0	0	0	2	1	7
ALL	31	23	35	17	7	6	2	4	3	19	37	52	236

STATION: PIRMASENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

TABLE 26-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	0	*	*	*	*	*	*	0	0	0
01	*	*	*	*	*	*	*	0	*	*	0	0	0
02	*	*	*	*	*	*	*	*	*	*	0	*	0
03	*	*	*	*	*	*	*	*	*	*	0	*	0
04	50	*	*	0	*	*	*	*	*	0	0	*	20
05	0	0	5	2	2	3	4	1	2	*	0	0	2
06	13	8	9	7	4	4	2	1	3	5	10	12	6
07	11	9	10	6	6	5	5	2	3	5	9	10	7
08	15	9	10	10	8	5	3	3	5	4	12	12	8
09	17	12	11	9	9	5	7	4	5	6	11	13	9
10	14	10	13	11	9	7	7	6	7	9	13	16	10
11	17	13	13	12	11	7	13	7	4	8	14	13	11
12	18	12	13	14	12	9	8	7	4	11	13	16	12
13	15	13	11	10	13	9	11	8	5	10	14	17	11
14	13	12	14	12	11	11	9	5	7	9	15	17	11
15	15	9	9	10	9	8	10	7	7	5	13	13	10
16	11	11	13	12	15	10	12	5	8	7	11	12	11
17	*	*	*	*	*	*	*	*	*	*	0	*	0
18	*	*	0	*	50	0	*	*	0	*	0	0	13
19	*	*	*	*	*	*	*	*	*	*	0	*	0
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	*	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	*	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	14	11	11	10	9	7	7	5	5	7	12	14	9

TABLE 26-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	0	*	*	*	*	*	*	0	0	0
01	*	*	*	*	*	*	*	0	*	*	0	0	0
02	*	*	*	*	*	*	*	*	*	*	0	*	0
03	*	*	*	*	*	*	*	*	*	*	0	*	0
04	50	*	*	0	*	*	*	*	*	0	0	*	20
05	0	0	0	0	0	0	0	0	0	*	0	0	0
06	6	4	4	3	1	2	0	1	1	2	5	8	3
07	7	5	5	2	1	2	2	1	2	2	4	7	3
08	8	4	5	4	3	2	1	2	2	2	6	5	4
09	8	8	5	4	3	2	2	1	3	3	5	7	4
10	9	5	6	4	4	2	2	0	2	3	6	8	4
11	9	6	5	5	6	3	4	1	1	4	8	8	5
12	9	7	6	5	6	4	4	2	1	4	7	11	6
13	8	8	5	4	6	4	3	2	2	3	7	9	5
14	6	5	5	7	4	5	5	1	3	3	9	9	5
15	7	6	6	4	3	2	3	2	2	2	5	8	4
16	7	5	6	7	7	5	5	3	4	3	5	8	6
17	*	*	*	*	*	*	*	*	*	*	0	*	0
18	*	*	0	*	50	0	*	*	0	*	0	0	13
19	*	*	*	*	*	*	*	*	*	*	0	*	0
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	*	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	*	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	8	6	5	4	4	3	3	1	2	3	6	8	4

STATION: PIRMASENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

TABLE 26-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	0	*	*	*	*	*	*	0	0	0
01	*	*	*	*	*	*	*	0	*	*	0	0	0
02	*	*	*	*	*	*	*	*	*	*	0	*	0
03	*	*	*	*	*	*	*	*	*	*	0	*	0
04	0	*	*	0	*	*	*	*	*	0	0	*	0
05	0	0	0	0	0	0	0	0	0	*	0	0	0
06	2	1	1	1	0	1	0	0	0	0	2	3	1
07	1	2	1	1	0	0	0	0	0	1	1	1	1
08	2	2	1	1	1	0	0	0	0	0	2	2	1
09	3	2	1	1	1	0	0	0	0	1	2	2	1
10	2	2	1	1	0	1	0	0	1	1	1	4	1
11	1	2	1	1	1	1	0	0	0	1	2	4	1
12	3	3	2	2	1	0	0	0	0	1	3	3	2
13	3	4	1	1	1	0	0	0	0	0	3	4	2
14	3	1	2	1	0	1	1	0	0	1	3	4	1
15	2	2	2	1	0	0	1	1	0	0	2	3	1
16	2	1	1	2	1	2	2	1	1	0	1	4	2
17	*	*	*	*	*	*	*	*	*	*	0	*	0
18	*	*	0	*	0	0	*	*	0	*	0	0	0
19	*	*	*	*	*	*	*	*	*	*	0	*	0
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	*	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	*	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	2	2	1	1	1	0	0	0	0	1	2	3	1

TABLE 26-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	0	*	*	*	*	*	*	0	0	0
01	*	*	*	*	*	*	*	0	*	*	0	0	0
02	*	*	*	*	*	*	*	*	*	*	0	*	0
03	*	*	*	*	*	*	*	*	*	*	0	*	0
04	0	*	*	0	*	*	*	*	*	0	0	*	0
05	0	0	0	0	0	0	0	0	0	*	0	0	0
06	1	0	0	1	0	0	0	0	0	0	1	2	0
07	1	1	0	1	0	0	0	0	0	0	1	1	0
08	0	1	0	0	0	0	0	0	0	0	0	1	0
09	1	1	0	0	0	0	0	0	0	0	1	1	0
10	1	1	0	0	0	0	0	0	0	0	0	2	0
11	0	1	0	1	0	0	0	0	0	0	1	2	0
12	1	1	0	1	0	0	0	0	0	0	1	2	1
13	0	1	0	1	0	0	0	0	0	0	2	2	1
14	1	0	0	0	0	0	0	0	0	0	2	2	1
15	1	0	0	0	0	0	0	0	0	0	1	1	0
16	0	0	0	1	1	1	1	0	0	0	0	2	1
17	*	*	*	*	*	*	*	*	*	*	0	*	0
18	*	*	0	*	0	0	*	*	0	*	0	0	0
19	*	*	*	*	*	*	*	*	*	*	0	*	0
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	*	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	*	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	1	1	0	1	0	0	0	0	0	0	1	2	0

STATION: FIRMASENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 26-1 THRU 26-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	1	0	0	0	0	0	0	1	1	3
01	0	0	0	0	0	0	0	2	0	0	1	1	4
02	0	0	0	0	0	0	0	0	0	0	1	0	1
03	0	0	0	0	0	0	0	0	0	0	1	0	1
04	2	0	0	1	0	0	0	0	0	1	1	0	5
05	1	1	19	123	124	107	103	110	88	0	4	1	681
06	274	248	281	274	273	256	246	265	241	244	229	237	3068
07	274	248	282	274	273	257	247	265	242	247	231	240	3080
08	275	249	282	274	272	258	247	264	243	245	232	241	3082
09	276	248	283	275	273	257	246	261	243	244	232	241	3079
10	276	246	283	275	272	257	245	263	242	245	232	240	3076
11	276	248	282	275	272	256	247	263	242	245	233	240	3079
12	274	249	282	274	271	255	244	261	241	245	230	235	3061
13	274	247	280	272	271	255	242	261	240	244	230	221	3037
14	274	247	279	270	271	253	241	261	239	244	230	216	3025
15	272	247	259	268	269	251	240	259	236	244	227	212	2984
16	263	244	246	149	149	138	122	132	133	222	210	191	2199
17	0	0	0	0	0	0	0	0	0	0	1	0	1
18	0	0	1	0	2	2	0	0	1	0	1	1	8
19	0	0	0	0	0	0	0	0	0	0	1	0	1
20	0	0	0	0	0	0	0	0	0	0	1	0	1
21	0	0	0	0	0	0	0	0	0	0	1	0	1
22	0	0	0	0	0	0	0	0	0	0	1	0	1
23	0	0	0	0	0	0	0	0	0	0	1	0	1
		2722		3005		2802		2867		2670		2518	
ALL	3011		3059		2992		2670		2631		2532		33479

TABLE 26-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	100	33	0	0	25	100	0	*	*	*	25
06	29	20	13	6	20	0	20	0	13	18	23	31	20
07	16	14	10	18	6	8	33	0	14	15	24	16	15
08	23	17	11	11	9	0	43	22	17	22	18	23	17
09	15	10	6	12	12	8	12	27	31	14	12	26	14
10	10	13	3	19	4	12	0	7	33	9	26	24	14
11	11	22	11	9	6	17	10	6	40	10	15	19	13
12	15	13	19	18	16	17	15	17	20	14	19	18	17
13	15	24	13	22	20	9	0	5	17	8	16	8	13
14	9	17	18	12	10	7	0	21	31	14	17	22	15
15	13	13	4	14	4	19	17	16	19	8	20	11	13
16	18	15	16	11	22	36	20	14	30	38	30	26	22
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	0	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	15	16	12	14	12	12	12	14	25	15	20	20	15

STATION: PIRMASENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

TABLE 26-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	0	0	0	0	0	0	0	*	*	*	0
06	9	0	4	11	0	0	0	0	0	0	14	10	6
07	13	14	10	12	0	0	0	0	0	0	14	4	8
08	10	9	21	19	0	0	0	0	0	0	7	17	10
09	11	14	3	19	0	0	0	0	0	0	12	13	8
10	3	21	11	13	0	0	0	0	0	0	6	13	7
11	6	22	8	3	0	0	0	0	0	0	3	16	6
12	17	17	11	10	0	0	0	0	0	0	3	13	8
13	12	21	9	11	0	0	0	0	0	0	3	16	7
14	14	13	11	6	0	0	0	0	0	0	6	3	5
15	18	13	13	7	0	0	0	0	0	0	7	7	7
16	18	22	13	0	0	0	0	0	0	0	4	0	7
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	0	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	12	16	10	10	0	0	0	0	0	0	7	11	7

TABLE 26-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	0	0	0	0	0	0	0	*	*	*	0
06	9	35	17	11	0	0	0	0	0	0	5	17	11
07	10	23	17	12	0	0	0	0	0	0	10	28	11
08	8	17	14	7	0	0	0	0	0	0	11	30	10
09	23	28	9	8	0	0	0	0	0	0	15	23	12
10	8	29	3	6	0	0	0	0	0	0	6	18	7
11	15	19	3	0	0	0	0	0	0	0	6	9	6
12	17	23	0	0	0	0	0	0	0	0	6	13	6
13	17	15	0	0	0	0	0	0	0	0	0	16	5
14	17	13	0	0	0	0	0	0	0	0	3	6	4
15	23	13	0	0	0	0	0	0	0	0	7	7	6
16	21	15	3	0	0	0	0	0	0	0	0	4	5
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	0	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	15	20	5	3	0	0	0	0	0	0	6	16	7

STATION: PIRMASENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 26-5 THRU 26-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	0	0	0	0	0	0	0	1
05	0	0	1	3	2	3	4	1	2	0	0	0	16
06	35	20	24	18	10	9	5	3	8	11	22	29	194
07	31	22	29	17	17	12	12	4	7	13	21	25	210
08	40	23	28	27	23	12	7	9	12	9	28	30	248
09	47	29	32	26	25	13	17	11	13	14	26	31	284
10	39	24	36	31	24	17	17	15	18	23	31	38	313
11	47	32	37	32	31	18	31	18	10	20	33	32	341
12	48	30	37	39	32	24	20	18	10	28	31	38	355
13	41	33	31	27	35	23	27	21	12	24	32	38	344
14	35	30	38	33	30	27	21	14	16	21	35	36	336
15	40	23	24	28	24	21	23	19	16	12	30	27	287
16	28	27	31	18	23	14	15	7	10	16	23	23	235
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	1	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	432	293	348	299	277	193	199	140	134	191	312	347	3165

TABLE 26-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	29	20	17	11	0	0	0	0	0	20	8	32	18
07	17	23	14	17	0	0	25	0	25	20	22	25	18
08	32	9	14	30	0	0	0	20	20	0	23	18	18
09	17	11	7	0	22	20	20	33	43	29	25	25	18
10	13	17	6	25	0	17	0	0	50	0	29	26	16
11	12	19	21	20	13	43	0	0	33	18	16	25	18
12	20	22	18	33	18	10	10	33	0	18	27	19	20
13	5	35	8	40	24	0	0	20	40	14	29	11	18
14	6	17	27	22	17	8	0	33	38	13	10	21	17
15	15	14	7	40	0	40	38	33	0	0	17	13	17
16	16	0	7	10	27	43	17	25	40	43	18	27	20
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	0	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	16	18	13	23	14	15	10	23	30	17	21	22	18

STATION: PIRMASENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

TABLE 26-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	0	0	11	0	0	0	0	0	0	17	11	5
07	6	8	14	17	0	0	0	0	0	0	11	6	7
08	9	9	21	10	0	0	0	0	0	0	8	18	9
09	9	11	0	17	0	0	0	0	0	0	8	6	6
10	0	25	12	0	0	0	0	0	0	0	7	11	6
11	4	25	0	7	0	0	0	0	0	0	0	15	6
12	12	22	18	13	0	0	0	0	0	0	0	15	9
13	14	15	23	20	0	0	0	0	0	0	0	21	10
14	12	8	20	11	0	0	0	0	0	0	0	5	6
15	25	21	13	0	0	0	0	0	0	0	8	0	9
16	21	38	13	0	0	0	0	0	0	0	9	0	10
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	0	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	10	17	12	9	0	0	0	0	0	0	5	10	8

TABLE 26-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	6	40	17	11	0	0	0	0	0	0	8	5	10
07	11	8	7	17	0	0	0	0	0	0	0	13	7
08	5	18	14	0	0	0	0	0	0	0	8	18	7
09	4	26	7	0	0	0	0	0	0	0	8	19	8
10	8	25	6	0	0	0	0	0	0	0	0	11	6
11	4	13	7	0	0	0	0	0	0	0	5	5	4
12	8	22	0	0	0	0	0	0	0	0	7	8	5
13	14	5	0	0	0	0	0	0	0	0	0	16	5
14	12	8	0	0	0	0	0	0	0	0	0	0	2
15	30	21	0	0	0	0	0	0	0	0	0	0	7
16	21	15	0	0	0	0	0	0	0	0	0	0	5
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	0	*	*	*	*	*	*	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	11	18	5	2	0	0	0	0	0	0	3	8	6

STATION: PIRMASENS AHP, FRG

WMO #: 1061'5

RUNWAY HEADING: 010-190

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 26-8 THRU 26-10

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	0	0	0	0	0	0	0	1
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	17	10	12	9	4	6	1	2	3	5	12	19	100
07	18	13	14	6	2	6	4	2	4	5	9	16	99
08	22	11	14	10	7	5	2	5	5	4	13	11	109
09	23	19	15	12	9	5	5	3	7	7	12	16	133
10	24	12	17	12	10	6	6	1	6	8	14	19	135
11	25	16	14	15	15	7	9	3	3	11	19	20	157
12	25	18	17	15	17	10	10	6	3	11	15	26	173
13	21	20	13	10	17	11	7	5	5	7	17	19	152
14	17	12	15	18	12	12	11	3	8	8	21	19	156
15	20	14	15	10	7	5	8	6	5	4	12	16	122
16	19	13	15	10	11	7	6	4	5	7	11	15	123
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	1	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	232	158	161	127	112	80	69	40	54	77	155	196	1461

TABLE 26-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	33	0	33	0	0	0	0	*	0	100	0	25	19
07	75	50	0	0	0	*	*	0	0	50	67	50	38
08	67	0	0	0	0	*	*	100	0	*	20	25	25
09	25	17	50	0	0	*	*	*	*	0	20	40	21
10	17	0	0	0	*	0	*	0	50	0	100	33	21
11	0	33	50	25	50	50	*	*	0	0	0	20	22
12	33	29	40	80	0	0	0	0	0	0	43	29	32
13	14	56	0	50	33	0	*	0	0	0	43	0	26
14	14	0	0	50	0	0	0	*	0	0	13	11	9
15	20	20	20	75	*	*	50	0	0	0	0	17	22
16	33	0	0	33	50	67	50	0	0	100	0	14	27
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	30	25	16	33	18	21	25	13	9	18	25	21	23

STATION: FIRMASENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

TABLE 26-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	0	0	33	0	0	0	*	0	0	0	0	3
07	0	0	67	33	0	*	*	0	0	0	0	0	13
08	0	0	33	50	0	*	*	0	0	*	20	0	11
09	13	0	0	25	0	*	*	*	*	0	0	0	6
10	0	33	0	0	*	0	*	0	0	0	0	22	12
11	0	17	0	0	0	0	*	*	0	0	0	20	8
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	14	0	25	25	0	0	*	0	0	0	0	22	11
14	0	0	33	0	0	0	0	*	0	0	0	0	5
15	0	20	40	0	*	*	0	0	0	0	20	0	11
16	0	100	0	0	0	0	0	0	0	0	0	0	6
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	3	11	21	14	0	0	0	0	0	0	4	8	7

TABLE 26-13. PERCENT FREQUENCY OF TEMPERATURE LTZ 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	17	50	0	0	0	0	0	*	0	0	0	0	6
07	0	0	0	0	0	*	*	0	0	0	0	0	0
08	0	0	0	0	0	*	*	0	0	*	20	0	4
09	13	0	0	0	0	*	*	*	*	0	0	0	3
10	0	33	0	0	*	0	*	0	0	0	0	0	6
11	0	17	0	0	0	0	*	*	0	0	0	0	3
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	14	0	0	0	0	0	*	0	0	0	0	0	2
14	0	0	0	0	0	0	0	*	0	0	0	0	0
15	0	20	0	0	*	*	0	0	0	0	0	0	3
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	5	9	0	0	0	0	0	0	0	0	2	0	2

STATION: FIRMASENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 26-11 THRU 26-13

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	6	2	3	3	1	2	1	0	1	1	4	8	32
07	4	4	3	3	1	0	0	1	1	2	3	2	24
08	6	4	3	2	2	0	0	1	1	0	5	4	28
09	8	6	2	4	2	0	0	0	0	2	5	5	34
10	6	6	2	2	0	2	0	1	2	2	2	9	34
11	2	6	2	4	2	2	0	0	1	2	5	10	36
12	9	7	5	5	3	1	1	1	1	3	7	7	50
13	7	9	4	4	3	1	0	1	1	1	7	9	47
14	7	2	6	2	1	3	2	0	1	2	8	9	43
15	5	5	5	4	0	0	2	2	1	1	5	6	36
16	6	2	3	3	2	3	2	1	1	1	2	7	33
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	66	53	38	36	17	14	8	8	11	17	53	76	397

TABLE 26-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTR 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	25	0	0	0	*	*	*	*	*	*	0	50	21
07	100	100	0	0	0	*	*	*	*	*	67	50	54
08	*	0	*	*	0	*	*	*	*	*	0	50	17
09	0	0	*	0	0	*	*	*	*	*	50	0	8
10	33	0	0	0	*	*	*	*	*	*	100	25	23
11	0	0	0	0	*	100	*	*	*	0	*	40	23
12	25	0	*	67	*	*	*	*	0	*	67	25	35
13	0	0	0	33	0	0	*	*	0	*	0	0	5
14	0	0	*	*	0	0	*	*	0	*	25	0	6
15	0	0	0	100	*	*	0	0	0	*	0	0	8
16	0	*	0	0	0	0	0	*	*	*	0	0	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	21	11	0	25	0	25	0	0	0	0	30	20	18

STATION: PIRMASSENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

TABLE 26-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	0	0	0	*	*	*	*	*	*	0	0	0
07	0	0	100	0	0	*	*	*	*	*	0	0	8
08	*	0	*	*	0	*	*	*	*	*	0	0	0
09	0	0	*	0	0	*	*	*	*	*	0	0	0
10	0	0	0	0	*	*	*	*	*	*	0	0	0
11	0	0	0	0	*	0	*	*	*	0	*	0	0
12	0	0	*	0	*	*	*	*	0	*	0	0	0
13	0	0	0	33	0	0	*	*	0	*	0	40	16
14	0	0	*	*	0	0	*	*	0	*	0	0	0
15	0	0	0	0	*	*	0	0	0	*	0	0	0
16	0	*	0	0	0	0	0	*	*	*	0	0	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	0	14	6	0	0	0	0	0	0	0	5	3

TABLE 26-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	0	100	0	0	*	*	*	*	*	*	0	0	7
07	0	0	0	0	0	*	*	*	*	*	0	0	0
08	*	0	*	*	0	*	*	*	*	*	0	0	0
09	0	0	*	0	0	*	*	*	*	*	0	0	0
10	0	0	0	0	*	*	*	*	*	*	0	0	0
11	0	0	0	0	*	0	*	*	*	0	*	0	0
12	0	0	*	0	*	*	*	*	0	*	0	0	0
13	0	0	0	0	0	0	*	*	0	*	0	0	0
14	0	0	*	*	0	0	*	*	0	*	0	0	0
15	0	0	0	0	*	*	0	0	0	*	0	0	0
16	0	*	0	0	0	0	0	*	*	*	0	0	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	6	0	0	0	0	0	0	0	0	0	0	1

STATION: FIRMASENS AHP, FRG

WMO #: 106145

RUNWAY HEADING: 010-190

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 26-14 THRU 26-16:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	4	1	1	2	0	0	0	0	0	0	2	4	14
07	2	2	1	2	1	0	0	0	0	0	3	2	13
08	0	2	0	0	1	0	0	0	0	0	1	2	6
09	3	2	0	1	1	0	0	0	0	0	2	3	12
10	3	3	1	1	0	0	0	0	0	0	1	4	13
11	1	2	1	2	0	1	0	0	0	1	0	5	13
12	4	2	0	3	0	0	0	0	1	0	3	4	17
13	1	2	1	3	1	1	0	0	1	0	4	5	19
14	3	1	0	0	1	1	0	0	1	0	4	5	16
15	2	1	1	1	0	0	1	1	1	0	2	2	12
16	1	0	1	1	1	1	1	0	0	0	1	4	11
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	24	18	7	16	6	4	2	1	4	1	23	40	146

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

TABLE 27-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	3	4	1	1	0	0	0	1	2	4	8	2
01	5	3	3	2	1	0	0	0	0	1	4	6	2
02	4	3	3	1	0	1	0	0	1	2	3	5	2
03	5	3	3	2	0	0	0	0	1	2	4	4	2
04	5	3	4	2	1	0	0	0	2	2	3	6	2
05	4	3	3	2	1	1	0	0	1	2	5	5	2
06	5	2	4	1	1	2	0	0	2	1	5	5	2
07	6	3	4	2	2	1	0	1	1	2	4	7	3
08	5	3	4	2	2	3	1	0	2	2	6	6	3
09	5	4	6	3	2	2	1	0	2	2	6	6	3
10	7	4	8	3	3	2	3	1	4	3	5	5	4
11	7	4	8	4	3	4	3	1	4	3	5	6	4
12	7	3	7	5	3	3	4	2	4	4	6	7	5
13	7	5	6	4	4	3	2	2	3	3	5	7	4
14	6	5	6	5	3	3	3	2	3	2	5	5	4
15	6	3	6	4	3	4	3	1	3	3	4	6	4
16	3	4	6	4	2	3	2	0	2	2	5	6	3
17	5	2	4	4	2	1	1	1	1	2	2	5	3
18	5	2	4	2	1	2	1	1	1	2	5	4	3
19	6	2	2	2	0	1	1	0	1	1	4	4	2
20	4	2	5	1	1	1	1	0	1	2	5	5	2
21	5	2	5	2	0	0	1	0	2	1	4	5	2
22	5	3	3	1	0	1	1	0	2	1	5	6	2
23	6	2	3	2	0	0	1	0	1	2	5	4	2
ALL	5	3	5	2	2	2	1	1	2	2	4	6	3

TABLE 27-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	1	0	0	0	0	0	0	1	2	3	1
01	1	1	1	0	0	0	0	0	0	0	2	2	1
02	2	1	1	0	0	0	0	0	0	1	1	2	1
03	2	1	1	0	0	0	0	0	1	1	2	2	1
04	1	1	1	0	0	0	0	0	1	0	1	2	1
05	1	1	1	0	0	1	0	0	0	1	2	2	1
06	1	1	1	1	0	0	0	0	1	0	1	2	1
07	2	1	1	0	0	0	0	0	0	0	1	2	1
08	2	1	1	1	0	0	0	0	0	0	2	1	1
09	2	1	1	1	0	0	0	0	0	0	2	2	1
10	3	1	2	1	0	1	0	0	0	0	2	2	1
11	3	2	3	1	0	0	1	0	0	0	2	2	1
12	2	1	2	1	0	2	1	0	0	1	1	3	1
13	2	1	3	1	0	1	1	0	0	1	1	2	1
14	1	1	1	2	0	0	1	0	0	0	2	1	1
15	2	2	1	1	0	0	0	0	0	1	1	2	1
16	2	1	1	1	1	0	0	0	0	0	2	2	1
17	1	1	2	1	0	0	1	0	0	0	1	2	1
18	1	1	1	0	0	1	0	0	0	0	2	1	1
19	2	1	1	1	0	0	0	0	0	0	2	1	1
20	2	1	2	1	0	0	0	0	1	0	2	1	1
21	1	1	2	1	0	0	0	0	1	0	2	1	1
22	1	1	1	0	0	0	0	0	1	0	2	2	1
23	2	1	1	1	0	0	0	0	0	0	2	2	1
ALL	2	1	1	1	0	0	0	0	0	1	2	2	1

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

TABLE 27-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	1	1	0
01	1	1	0	0	0	0	0	0	0	0	1	1	0
02	0	0	0	0	0	0	0	0	0	0	1	0	0
03	0	0	0	0	0	0	0	0	0	0	1	0	0
04	0	0	0	0	0	0	0	0	0	0	0	1	0
05	0	0	0	0	0	0	0	0	0	0	1	1	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	1	1	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	1	0	0
10	1	1	1	0	0	0	0	0	0	0	1	1	0
11	0	1	1	0	0	0	0	0	0	0	0	0	0
12	0	1	0	0	0	0	0	0	0	0	0	1	0
13	0	0	1	0	0	0	0	0	0	0	0	1	0
14	0	1	0	0	0	0	0	0	0	0	1	1	0
15	0	0	0	0	0	0	0	0	0	0	0	1	0
16	0	0	0	1	0	0	0	0	0	0	0	1	0
17	0	1	0	0	0	0	0	0	0	0	1	0	0
18	1	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	0	1	0	0	0	0	0	0	1	0	0
20	1	1	1	0	0	0	0	0	0	0	1	0	0
21	1	1	1	1	0	0	0	0	0	0	1	0	0
22	0	1	0	0	0	0	0	0	0	0	1	0	0
23	0	0	0	0	0	0	0	0	0	0	1	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	1	0

TABLE 27-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	1	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	1	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 27-1 THRU 27-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	434	395	403	390	403	390	403	403	390	403	390	403	4807
01	434	395	403	390	403	390	403	403	390	403	390	403	4807
02	434	395	403	390	403	390	403	403	390	403	390	403	4807
03	434	395	403	390	403	390	403	403	390	403	390	403	4807
04	434	395	403	390	403	390	403	403	390	403	390	403	4807
05	434	395	403	390	403	390	403	403	390	403	390	403	4807
06	434	395	403	390	403	390	403	403	390	403	390	403	4807
07	434	395	403	390	403	390	403	403	390	403	390	403	4807
08	434	395	403	390	403	390	403	403	390	403	390	403	4807
09	434	395	403	390	403	390	403	403	390	403	390	403	4807
10	434	395	403	390	403	390	403	403	390	403	390	403	4807
11	434	395	403	390	403	390	403	403	390	403	390	403	4807
12	434	395	403	390	403	390	403	403	390	403	390	403	4807
13	434	395	403	390	403	390	403	403	390	403	390	403	4807
14	434	395	403	390	403	390	403	403	390	403	390	403	4807
15	434	394	403	390	403	390	403	403	390	403	390	403	4806
16	434	395	403	390	403	390	403	403	390	403	390	403	4807
17	434	395	403	390	403	390	403	403	390	403	390	403	4807
18	434	395	403	390	403	390	403	403	390	403	390	403	4807
19	434	395	403	390	403	390	403	403	390	403	390	403	4807
20	434	395	403	390	403	390	403	403	390	403	390	403	4807
21	434	395	403	390	403	390	403	403	390	403	390	403	4807
22	434	395	403	390	403	389	403	403	390	403	390	403	4806
23	434	395	403	389	403	390	403	403	390	403	390	403	4806
		9479		9359		9359		9672		9672		9672	
ALL	10416		9672		9672		9672		9360		9360		110559

TABLE 27-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	29	30	56	50	50	*	100	*	25	43	43	59	46
01	45	45	64	63	50	100	0	0	0	33	27	71	50
02	42	27	46	25	0	100	*	0	0	38	31	57	40
03	39	33	31	50	100	100	*	0	0	44	53	53	42
04	43	70	38	67	20	100	100	50	50	44	45	60	50
05	47	54	50	67	0	0	0	0	25	38	47	77	50
06	23	22	27	60	0	0	100	0	17	33	42	70	35
07	32	33	28	0	29	0	0	0	60	40	43	55	35
08	24	38	44	43	29	9	33	0	44	20	61	52	39
09	23	35	25	18	0	22	17	100	44	33	32	58	32
10	37	41	30	31	29	33	17	0	13	42	39	36	32
11	45	50	31	20	7	7	25	20	25	23	44	36	31
12	34	50	30	15	8	23	19	22	7	19	25	28	24
13	38	47	31	38	20	23	10	29	9	36	33	37	32
14	26	35	42	20	21	23	64	13	25	20	43	64	35
15	42	54	35	21	29	13	8	0	8	23	50	50	32
16	27	50	48	24	10	20	14	0	25	33	56	42	35
17	25	38	44	25	33	20	17	0	25	60	33	55	35
18	45	44	69	50	50	56	0	75	50	50	53	56	52
19	52	50	67	50	50	50	33	0	40	60	44	38	48
20	42	71	58	60	100	50	75	*	0	38	45	47	50
21	39	50	45	43	0	0	75	0	17	40	65	38	44
22	30	60	73	0	50	50	0	0	29	33	53	39	41
23	29	67	71	29	100	100	33	*	20	50	28	50	43
ALL	36	45	42	31	24	24	26	18	23	36	43	51	38

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

TABLE 27-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	0	0	0	0	*	0	*	0	0	0	0	1
01	9	0	0	0	0	0	0	0	0	0	7	0	3
02	0	0	0	0	0	0	*	0	0	0	0	0	0
03	9	0	0	0	0	0	*	0	0	0	0	0	2
04	10	0	6	0	0	0	0	0	0	0	0	0	3
05	18	0	7	0	0	0	0	0	0	0	5	0	4
06	9	11	7	0	0	0	0	0	0	0	5	0	4
07	16	8	6	14	0	0	0	0	0	0	0	0	5
08	14	15	6	0	0	0	0	0	0	0	4	0	5
09	18	6	0	0	0	0	0	0	0	0	0	0	3
10	10	6	3	0	0	0	0	0	0	0	0	0	3
11	13	6	0	7	0	0	0	0	0	0	0	4	3
12	7	3	0	0	0	0	0	0	0	0	0	3	2
13	10	0	0	0	0	0	0	0	0	0	0	7	2
14	7	10	0	5	0	0	0	0	0	0	0	5	3
15	8	8	0	7	0	0	0	0	0	0	0	12	4
16	20	0	0	0	0	0	0	0	0	0	0	8	3
17	20	0	0	0	0	0	0	0	0	0	0	10	5
18	10	0	0	0	0	0	0	0	0	0	0	6	2
19	7	13	0	0	0	0	0	0	0	0	0	0	3
20	21	0	0	20	0	0	0	*	0	0	5	11	7
21	9	13	5	0	0	0	0	0	0	0	0	0	3
22	17	0	0	0	0	0	0	0	0	0	0	0	4
23	13	0	7	0	0	0	0	*	0	0	0	6	5
ALL	11	5	2	2	0	0	0	0	0	0	1	3	3

TABLE 27-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	0	*	0	0	0	0	0
01	5	9	0	0	0	0	0	0	0	0	7	4	4
02	5	9	0	0	0	0	*	0	0	0	8	0	3
03	4	8	0	0	0	0	*	0	0	0	0	0	2
04	5	10	6	0	0	0	0	0	0	0	0	0	3
05	12	8	7	0	0	0	0	0	0	0	0	0	4
06	9	11	7	0	0	0	0	0	0	0	11	5	6
07	12	17	6	0	0	0	0	0	0	0	7	7	7
08	5	8	0	0	0	0	0	0	0	0	0	0	1
09	5	12	0	0	0	0	0	0	0	0	0	4	2
10	0	12	0	0	0	0	0	0	0	0	0	5	2
11	3	13	0	0	0	0	0	0	0	0	0	4	2
12	10	0	4	0	0	0	0	0	0	0	0	3	2
13	3	0	0	0	0	0	0	0	0	0	0	3	1
14	7	5	0	0	0	0	0	0	0	0	0	5	2
15	4	8	0	0	0	0	0	0	0	0	0	8	2
16	13	0	0	0	0	0	0	0	0	0	0	17	4
17	10	0	0	0	0	0	0	0	0	0	0	10	3
18	5	0	0	0	0	0	0	0	0	0	0	11	2
19	7	0	0	0	0	0	0	0	0	0	6	0	3
20	11	14	0	0	0	0	0	*	0	0	0	5	4
21	4	13	9	0	0	0	0	0	0	0	6	0	4
22	0	0	0	0	0	0	0	0	0	0	5	4	2
23	0	11	0	0	0	0	0	*	0	0	6	13	4
ALL	6	7	2	0	0	0	0	0	0	0	2	4	3

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 27-5 THRU 27-7

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	21	10	16	4	4	0	1	0	4	7	14	32	113
01	22	11	11	8	4	1	1	1	1	6	15	24	105
02	19	11	13	4	2	2	0	2	3	8	13	21	98
03	23	12	13	6	1	1	0	1	5	9	17	17	105
04	21	10	16	6	5	1	1	2	6	9	11	25	113
05	17	13	14	6	3	4	1	1	4	8	19	22	112
06	22	9	15	5	4	6	1	2	6	6	19	20	115
07	25	12	18	7	7	5	2	3	5	10	14	29	137
08	21	13	16	7	7	11	6	2	9	10	23	23	148
09	22	17	24	11	7	9	6	2	9	9	22	26	164
10	30	17	33	13	14	9	12	4	15	12	18	22	199
11	31	16	32	15	14	14	12	5	16	13	18	25	211
12	29	12	27	20	13	13	16	9	14	16	24	29	222
13	29	19	26	16	15	13	10	7	11	14	18	30	208
14	27	20	26	20	14	13	11	8	12	10	21	22	204
15	26	13	26	14	14	16	12	3	12	13	16	26	191
16	15	14	23	17	10	10	7	2	8	9	18	24	157
17	20	8	16	16	9	5	6	4	4	10	9	20	127
18	20	9	16	8	4	9	4	4	2	8	19	18	121
19	27	8	9	6	2	4	3	1	5	5	16	16	102
20	19	7	19	5	3	2	4	0	3	8	20	19	109
21	23	8	22	7	1	1	4	1	6	5	17	21	116
22	23	10	11	4	2	2	3	1	7	6	19	23	111
23	24	9	14	7	1	1	3	0	5	8	18	16	106
ALL	556	288	456	232	160	152	126	65	172	219	418	550	3394

TABLE 27-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	60	0	50	100	*	*	*	*	*	25	43	54	45
01	60	33	33	100	100	*	*	*	*	0	43	89	58
02	43	25	33	100	*	100	*	*	*	25	25	63	43
03	56	40	67	100	100	100	*	*	0	33	67	75	59
04	50	67	33	100	*	100	*	*	67	50	40	100	65
05	20	100	67	100	*	0	*	*	100	50	67	89	64
06	25	67	0	50	*	0	*	*	0	100	75	78	50
07	22	60	20	0	*	0	0	*	*	50	50	60	39
08	25	20	17	50	*	0	0	0	100	0	78	50	39
09	38	20	40	25	0	*	*	100	100	0	33	78	43
10	50	50	33	50	100	50	0	*	0	50	29	44	42
11	45	57	46	25	0	0	50	0	*	50	33	40	41
12	56	80	30	50	0	33	20	*	0	67	40	9	37
13	33	50	27	33	0	50	20	*	100	33	40	56	37
14	33	75	33	29	50	0	67	0	0	0	43	80	42
15	44	83	75	50	100	100	*	*	0	20	80	56	58
16	29	100	67	50	33	0	0	*	*	0	86	44	49
17	50	40	38	25	*	*	0	*	*	100	25	71	42
18	33	33	50	100	*	100	0	100	0	100	67	83	59
19	40	100	67	67	100	*	0	*	100	0	33	25	49
20	57	75	57	100	*	*	50	*	0	50	83	100	67
21	33	60	71	50	*	*	*	*	50	100	86	40	60
22	50	67	80	0	0	100	0	*	0	*	56	38	49
23	29	100	100	67	100	100	0	*	0	*	33	56	53
ALL	41	55	45	49	42	46	22	40	32	37	53	60	48

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

TABLE 27-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	0	0	0	*	*	*	*	*	0	0	0	3
01	0	0	0	0	0	*	*	*	*	0	0	0	0
02	0	0	0	0	*	0	*	*	*	0	0	0	0
03	11	0	0	0	0	0	*	*	0	0	0	0	3
04	17	0	33	0	*	0	*	*	0	0	0	0	6
05	20	0	33	0	*	0	*	*	0	0	0	0	6
06	0	0	33	0	*	0	*	*	0	0	0	0	3
07	11	20	20	0	*	0	0	*	*	0	0	0	8
08	13	20	0	0	*	0	0	0	0	0	11	0	7
09	0	20	0	0	0	*	*	0	0	0	0	0	2
10	17	0	11	0	0	0	0	*	0	0	0	0	6
11	9	0	0	0	0	0	0	0	*	0	0	0	2
12	11	0	0	0	0	0	0	*	0	0	0	9	3
13	11	0	0	0	0	0	0	*	0	0	0	0	2
14	17	0	0	0	0	0	0	0	0	0	0	20	4
15	22	17	0	0	0	0	*	*	0	0	0	11	9
16	14	0	0	0	0	0	0	*	*	0	0	11	5
17	0	0	0	0	*	*	0	*	*	0	0	14	3
18	0	0	0	0	*	0	0	0	0	0	0	0	0
19	20	0	0	0	0	*	0	*	0	0	0	0	5
20	29	0	0	0	*	*	0	*	0	0	0	0	6
21	17	0	0	0	*	*	*	*	0	0	0	0	3
22	0	0	0	0	0	0	0	*	0	*	0	0	0
23	14	0	0	0	0	0	0	*	0	*	0	0	3
ALL	12	4	4	0	0	0	0	0	0	0	1	3	4

TABLE 27-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	*	*	*	*	0	0	0	0
01	0	0	0	0	0	*	*	*	*	0	0	0	0
02	0	0	0	0	*	0	*	*	*	0	0	0	0
03	0	0	0	0	0	0	*	*	0	0	0	0	0
04	0	0	33	0	*	0	*	*	0	0	0	0	3
05	0	0	33	0	*	0	*	*	0	0	0	0	3
06	0	0	33	0	*	0	*	*	0	0	0	0	3
07	0	20	20	0	*	0	0	*	*	0	0	0	5
08	0	20	0	0	*	0	0	0	0	0	0	0	2
09	0	20	0	0	0	*	*	0	0	0	0	0	2
10	0	0	0	0	0	0	0	*	0	0	0	0	0
11	0	0	0	0	0	0	0	0	*	0	0	0	0
12	22	0	0	0	0	0	0	*	0	0	0	9	5
13	0	0	0	0	0	0	0	*	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	20	2
15	11	17	0	0	0	0	*	*	0	0	0	11	7
16	14	0	0	0	0	0	0	*	*	0	0	22	8
17	0	0	0	0	*	*	0	*	*	0	0	29	6
18	17	0	0	0	*	0	0	0	0	0	0	0	3
19	20	0	0	0	0	*	0	*	0	0	0	0	5
20	14	0	0	0	*	*	0	*	0	0	0	0	3
21	17	0	0	0	*	*	*	*	0	0	0	0	3
22	0	0	0	0	0	0	0	*	0	*	0	13	3
23	0	0	0	0	0	0	0	*	0	*	0	11	3
ALL	5	4	3	0	0	0	0	0	0	0	0	5	3

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 27-8 THRU 27-10

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	4	4	1	0	0	0	0	0	4	7	13	38
01	5	3	3	1	1	0	0	0	0	2	7	9	31
02	7	4	6	1	0	1	0	0	0	4	4	8	35
03	9	5	3	1	1	1	0	0	2	3	6	8	39
04	6	3	3	1	0	1	0	0	3	2	5	7	31
05	5	2	3	1	0	2	0	0	1	4	6	9	33
06	4	3	3	2	0	1	0	0	3	1	4	9	30
07	9	5	5	1	0	1	1	0	0	2	4	10	38
08	8	5	6	2	0	1	1	1	1	1	9	6	41
09	8	5	5	4	2	0	0	1	1	1	6	9	42
10	12	4	9	4	1	2	2	0	1	2	7	9	53
11	11	7	13	4	2	1	4	1	0	2	6	10	61
12	9	5	10	4	1	6	5	0	1	3	5	11	60
13	9	4	11	3	2	2	5	0	1	3	5	9	54
14	6	4	6	7	2	1	3	1	1	2	7	5	45
15	9	6	4	4	1	1	0	0	1	5	5	9	45
16	7	2	3	4	3	1	1	0	0	2	7	9	39
17	4	5	8	4	0	0	3	0	0	1	4	7	36
18	6	3	6	1	0	2	1	1	1	1	6	6	34
19	10	3	6	3	1	0	2	0	1	1	6	4	37
20	7	4	7	2	0	0	2	0	2	2	6	4	36
21	6	5	7	2	0	0	0	0	2	1	7	5	35
22	6	3	5	1	1	1	1	0	2	0	9	8	37
23	7	2	4	3	1	1	1	0	1	0	9	9	38
ALL	175	96	140	61	19	26	32	5	25	49	147	193	968

TABLE 27-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	0	*	*	*	*	*	*	*	*	67	100	75
01	75	33	*	100	100	*	*	*	*	0	100	100	73
02	0	*	50	*	*	*	*	*	*	0	33	100	40
03	0	100	100	*	*	*	*	*	*	*	50	100	75
04	100	*	*	*	*	*	*	*	*	0	100	100	83
05	100	*	0	*	*	*	*	*	*	*	100	100	88
06	*	*	0	*	*	*	*	*	*	*	100	100	75
07	0	0	*	0	*	*	*	*	*	*	50	100	56
08	0	0	0	*	*	*	*	*	*	*	100	50	33
09	*	0	*	*	*	*	*	*	*	*	67	100	60
10	67	100	67	100	*	*	*	*	0	50	50	50	61
11	50	100	100	*	*	*	*	0	*	100	100	0	73
12	50	100	*	0	*	*	*	*	*	0	*	25	40
13	50	100	33	*	*	*	*	*	*	*	*	67	56
14	100	100	*	100	*	*	*	*	*	*	33	100	80
15	100	100	*	0	100	*	*	*	*	*	100	50	70
16	*	100	100	50	*	*	*	*	*	*	100	33	63
17	*	50	*	*	*	*	0	*	*	*	0	100	33
18	33	100	100	100	*	*	*	*	*	*	*	100	71
19	67	100	100	50	*	*	*	*	*	*	50	50	64
20	33	100	75	*	*	*	0	*	0	*	100	100	67
21	50	50	100	50	*	*	*	*	*	*	100	0	67
22	50	100	100	0	*	100	*	*	0	*	67	100	69
23	100	*	*	100	*	*	*	*	*	*	67	100	86
ALL	55	73	70	53	100	100	0	0	0	25	67	76	65

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

TABLE 27-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	0	*	*	*	*	*	*	*	*	0	0	0
01	0	0	*	0	0	*	*	*	*	0	0	0	0
02	0	*	0	*	*	*	*	*	*	0	0	0	0
03	100	0	0	*	*	*	*	*	*	*	0	0	13
04	0	*	*	*	*	*	*	*	*	0	0	0	0
05	0	*	100	*	*	*	*	*	*	*	0	0	13
06	*	*	0	*	*	*	*	*	*	*	0	0	0
07	100	0	*	0	*	*	*	*	*	*	0	0	11
08	0	0	0	*	*	*	*	*	*	*	0	0	0
09	*	0	*	*	*	*	*	*	*	*	0	0	0
10	0	0	0	0	*	*	*	*	0	0	0	0	0
11	0	0	0	*	*	*	*	0	*	0	0	0	0
12	0	0	*	0	*	*	*	*	*	0	*	0	0
13	0	0	0	*	*	*	*	*	*	*	*	0	0
14	0	0	*	0	*	*	*	*	*	*	0	0	0
15	0	0	*	0	0	*	*	*	*	*	0	25	10
16	*	0	0	0	*	*	*	*	*	*	0	33	13
17	*	0	*	*	*	*	0	*	*	*	0	0	0
18	0	0	0	0	*	*	*	*	*	*	*	0	0
19	0	0	0	0	*	*	*	*	*	*	0	0	0
20	33	0	0	*	*	*	0	*	0	*	0	0	7
21	25	0	0	0	*	*	*	*	*	*	0	0	7
22	0	0	0	0	*	0	*	*	0	*	0	0	0
23	0	*	*	0	*	*	*	*	*	*	0	0	0
ALL	11	0	4	0	0	0	0	0	0	0	0	3	3

TABLE 27-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	0	*	*	*	*	*	*	*	*	0	0	0
01	0	0	*	0	0	*	*	*	*	0	0	0	0
02	0	*	0	*	*	*	*	*	*	0	0	0	0
03	0	0	0	*	*	*	*	*	*	*	0	0	0
04	0	*	*	*	*	*	*	*	*	0	0	0	0
05	0	*	100	*	*	*	*	*	*	*	0	0	13
06	*	*	0	*	*	*	*	*	*	*	0	0	0
07	0	0	*	0	*	*	*	*	*	*	0	0	0
08	0	0	0	*	*	*	*	*	*	*	0	0	0
09	*	0	*	*	*	*	*	*	*	*	0	0	0
10	0	0	0	0	*	*	*	*	0	0	0	0	0
11	0	0	0	*	*	*	*	0	*	0	0	0	0
12	50	0	*	0	*	*	*	*	*	0	*	0	10
13	0	0	0	*	*	*	*	*	*	*	*	0	0
14	0	0	*	0	*	*	*	*	*	*	0	0	0
15	0	0	*	0	0	*	*	*	*	*	0	25	10
16	*	0	0	0	*	*	*	*	*	*	0	33	13
17	*	0	*	*	*	*	0	*	*	*	0	0	0
18	0	0	0	0	*	*	*	*	*	*	*	0	0
19	0	0	0	0	*	*	*	*	*	*	0	0	0
20	33	0	0	*	*	*	0	*	0	*	0	0	7
21	25	0	0	0	*	*	*	*	*	*	0	0	7
22	0	0	0	0	*	0	*	*	0	*	0	0	0
23	0	*	*	0	*	*	*	*	*	*	0	0	0
ALL	8	0	4	0	0	0	0	0	0	0	0	3	3

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 27-11 THRU 27-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	1	0	0	0	0	0	0	0	0	3	4	8
01	4	0	0	1	1	0	0	0	0	1	2	3	15
02	1	0	2	0	0	0	0	0	0	2	3	2	10
03	1	1	2	0	0	0	0	0	0	0	2	2	8
04	1	0	0	0	0	0	0	0	0	1	1	3	6
05	1	0	1	0	0	0	0	0	0	0	3	3	8
06	0	0	1	0	0	0	0	0	0	0	1	2	4
07	1	1	0	1	0	0	0	0	0	0	2	4	9
08	1	1	1	0	0	0	0	0	0	0	1	2	6
09	0	1	0	0	0	0	0	0	0	0	3	1	5
10	3	2	3	1	0	0	0	0	1	2	2	4	18
11	2	2	3	0	0	0	0	1	0	1	1	1	11
12	2	2	0	1	0	0	0	0	0	1	0	4	10
13	2	1	3	0	0	0	0	0	0	0	0	3	9
14	1	2	0	1	0	0	0	0	0	0	3	3	10
15	2	1	0	1	1	0	0	0	0	0	1	4	10
16	0	1	1	2	0	0	0	0	0	0	1	3	8
17	0	2	0	0	0	0	1	0	0	0	2	1	6
18	3	1	1	1	0	0	0	0	0	0	0	1	7
19	3	2	1	2	0	0	0	0	0	0	4	2	14
20	3	2	4	0	0	0	1	0	1	0	2	2	15
21	4	2	3	2	0	0	0	0	0	0	3	1	15
22	2	2	1	1	0	1	0	0	1	0	3	2	13
23	1	0	0	1	0	0	0	0	0	0	3	2	7
ALL	38	30	27	15	2	1	2	1	3	8	46	59	232

TABLE 27-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	100	100	100
01	*	*	*	*	*	*	*	*	*	*	*	100	100
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	100	100	100
04	*	*	*	*	*	*	*	*	*	*	*	100	100
05	*	*	*	*	*	*	*	*	*	*	100	100	100
06	*	*	*	*	*	*	*	*	*	*	*	100	100
07	*	*	*	*	*	*	*	*	*	*	*	100	100
08	0	0	*	*	*	*	*	*	*	*	*	100	33
09	*	*	*	*	*	*	*	*	*	*	100	100	100
10	*	100	100	100	*	*	*	*	*	*	*	33	67
11	*	*	100	*	*	*	*	*	*	*	*	*	100
12	*	*	*	0	*	*	*	*	*	*	*	50	33
13	*	*	*	*	*	*	*	*	*	*	*	50	50
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	100	*	*	*	*	*	100	0	67
16	*	*	*	100	*	*	*	*	*	*	*	0	50
17	*	100	*	*	*	*	*	*	*	*	*	*	100
18	*	100	*	*	*	*	*	*	*	*	*	100	100
19	100	100	*	100	*	*	*	*	*	*	100	0	83
20	0	100	50	*	*	*	*	*	*	*	*	100	60
21	0	*	100	*	*	*	*	*	*	*	100	0	50
22	0	*	*	*	*	*	*	*	*	*	100	100	67
23	100	*	*	100	*	*	*	*	*	*	100	*	100
ALL	33	83	83	80	100	*	*	*	*	*	100	70	75

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

TABLE 27-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	0	0	0
01	*	*	*	*	*	*	*	*	*	*	*	0	0
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	0	0	0
04	*	*	*	*	*	*	*	*	*	*	*	0	0
05	*	*	*	*	*	*	*	*	*	*	0	0	0
06	*	*	*	*	*	*	*	*	*	*	*	0	0
07	*	*	*	*	*	*	*	*	*	*	*	0	0
08	0	0	*	*	*	*	*	*	*	*	*	0	0
09	*	*	*	*	*	*	*	*	*	*	0	0	0
10	*	0	0	0	*	*	*	*	*	*	*	0	0
11	*	*	0	*	*	*	*	*	*	*	*	*	0
12	*	*	*	0	*	*	*	*	*	*	*	0	0
13	*	*	*	*	*	*	*	*	*	*	*	0	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	0	*	*	*	*	*	0	0	0
16	*	*	*	0	*	*	*	*	*	*	*	100	50
17	*	0	*	*	*	*	*	*	*	*	*	*	0
18	*	0	*	*	*	*	*	*	*	*	*	0	0
19	0	0	*	0	*	*	*	*	*	*	0	0	0
20	0	0	0	*	*	*	*	*	*	*	*	0	0
21	0	*	0	*	*	*	*	*	*	*	0	0	0
22	0	*	*	*	*	*	*	*	*	*	0	0	0
23	0	*	*	0	*	*	*	*	*	*	0	*	0
ALL	0	0	0	0	0	*	*	*	*	*	0	4	2

TABLE 27-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	0	0	0
01	*	*	*	*	*	*	*	*	*	*	*	0	0
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	0	0	0
04	*	*	*	*	*	*	*	*	*	*	*	0	0
05	*	*	*	*	*	*	*	*	*	*	0	0	0
06	*	*	*	*	*	*	*	*	*	*	*	0	0
07	*	*	*	*	*	*	*	*	*	*	*	0	0
08	0	0	*	*	*	*	*	*	*	*	*	0	0
09	*	*	*	*	*	*	*	*	*	*	0	0	0
10	*	0	0	0	*	*	*	*	*	*	*	0	0
11	*	*	0	*	*	*	*	*	*	*	*	*	0
12	*	*	*	0	*	*	*	*	*	*	*	0	0
13	*	*	*	*	*	*	*	*	*	*	*	0	0
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	0	*	*	*	*	*	0	0	0
16	*	*	*	0	*	*	*	*	*	*	*	100	50
17	*	0	*	*	*	*	*	*	*	*	*	*	0
18	*	0	*	*	*	*	*	*	*	*	*	0	0
19	0	0	*	0	*	*	*	*	*	*	0	0	0
20	0	0	0	*	*	*	*	*	*	*	*	0	0
21	0	*	0	*	*	*	*	*	*	*	0	0	0
22	0	*	*	*	*	*	*	*	*	*	0	0	0
23	0	*	*	0	*	*	*	*	*	*	0	*	0
ALL	0	0	0	0	0	*	*	*	*	*	0	4	2

STATION: RAMSTEIN AB, FRG

WMO #: 106140

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 27-14 THRU 27-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	1	2	3
01	0	0	0	0	0	0	0	0	0	0	0	2	2
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	1	1	2
04	0	0	0	0	0	0	0	0	0	0	0	1	1
05	0	0	0	0	0	0	0	0	0	0	1	1	2
06	0	0	0	0	0	0	0	0	0	0	0	2	2
07	0	0	0	0	0	0	0	0	0	0	0	2	2
08	1	1	0	0	0	0	0	0	0	0	0	1	3
09	0	0	0	0	0	0	0	0	0	0	1	1	2
10	0	1	1	1	0	0	0	0	0	0	0	3	6
11	0	0	2	0	0	0	0	0	0	0	0	0	2
12	0	0	0	1	0	0	0	0	0	0	0	2	3
13	0	0	0	0	0	0	0	0	0	0	0	2	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	1	0	0	0	0	0	1	1	3
16	0	0	0	1	0	0	0	0	0	0	0	1	2
17	0	1	0	0	0	0	0	0	0	0	0	0	1
18	0	1	0	0	0	0	0	0	0	0	0	1	2
19	1	1	0	1	0	0	0	0	0	0	2	1	6
20	1	1	2	0	0	0	0	0	0	0	0	1	5
21	1	0	1	0	0	0	0	0	0	0	1	1	4
22	1	0	0	0	0	0	0	0	0	0	1	1	3
23	1	0	0	1	0	0	0	0	0	0	1	0	3
ALL	6	6	6	5	1	0	0	0	0	0	10	27	61

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

TABLE 28-1. PERCENT FREQUENCY OF CROSSWINDS GIVEN GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	10	5	5	3	1	2	1	1	1	3	6	9	4
01	12	3	4	3	0	2	1	1	1	3	8	9	4
02	10	4	6	2	1	1	1	1	1	3	7	8	4
03	11	3	4	3	1	2	2	1	2	2	7	8	4
04	11	4	5	2	1	2	1	0	1	3	7	8	4
05	11	3	5	3	2	3	1	1	1	3	9	9	4
06	11	5	5	3	5	5	4	2	3	4	5	10	5
07	11	6	8	8	8	8	5	2	6	5	7	10	7
08	10	8	10	10	10	7	7	6	9	6	10	9	8
09	13	13	14	13	15	10	9	8	10	7	12	10	11
10	15	12	17	17	14	13	11	11	12	11	13	14	13
11	17	14	17	19	14	15	15	11	14	15	17	16	15
12	19	17	18	19	14	18	15	12	15	15	17	17	16
13	18	15	20	21	13	18	18	15	17	11	15	15	16
14	15	15	19	18	16	17	18	15	18	13	13	15	16
15	13	11	17	17	16	16	20	13	15	8	11	12	14
16	14	8	12	13	14	13	12	11	9	8	10	11	11
17	12	7	8	9	10	13	9	9	5	5	8	11	9
18	11	6	6	7	5	6	6	3	4	4	10	10	7
19	11	7	4	7	4	4	3	2	3	3	7	10	5
20	12	7	5	4	2	3	2	1	3	3	7	10	5
21	12	4	5	4	2	3	1	0	2	2	8	10	5
22	10	5	6	4	1	4	2	1	1	2	8	10	4
23	11	4	5	4	1	2	2	0	1	2	8	9	4
ALL	13	8	9	9	7	8	7	5	6	6	10	11	8

TABLE 28-2. PERCENT FREQUENCY OF CROSSWINDS GIVEN GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	1	1	1	0	0	0	0	0	1	2	2	1
01	4	1	1	1	0	0	0	0	0	1	3	1	1
02	2	1	1	0	0	1	0	0	0	1	2	2	1
03	3	1	1	1	0	0	0	0	0	1	3	3	1
04	2	2	1	0	0	0	0	0	0	0	2	3	1
05	3	1	0	1	1	1	0	0	0	0	3	3	1
06	3	1	0	0	1	1	0	0	0	1	2	4	1
07	2	1	3	1	2	1	0	0	1	1	1	3	1
08	2	2	3	2	2	0	2	1	1	2	2	2	2
09	3	2	4	2	3	3	1	1	2	2	2	4	2
10	4	2	5	4	3	3	2	2	4	4	3	4	3
11	4	4	7	4	5	3	3	2	4	5	4	3	4
12	5	4	6	6	3	4	2	3	4	4	4	4	4
13	6	3	5	6	2	2	4	3	4	2	3	4	4
14	6	2	5	6	5	5	3	3	4	2	1	4	4
15	3	2	4	4	2	3	4	2	3	1	2	3	3
16	3	2	3	3	2	2	3	1	1	1	2	3	2
17	3	1	1	2	0	2	2	2	2	0	2	2	2
18	3	0	1	1	1	1	1	1	1	0	2	2	1
19	3	1	3	1	1	1	0	0	0	0	2	2	1
20	4	1	2	1	0	1	0	0	0	0	2	1	1
21	4	1	1	1	0	1	0	0	0	0	3	2	1
22	4	1	2	1	0	1	0	0	0	0	1	2	1
23	4	1	2	1	0	0	0	0	0	1	2	1	1
ALL	3	2	3	2	1	1	1	1	1	1	2	3	2

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

TABLE 28-3. PERCENT FREQUENCY OF CROSSWINDS GIVEN GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	0	1	0	0	0	0	0	0	1	1	0
01	2	1	0	0	0	0	0	0	0	0	1	1	0
02	1	1	0	0	0	0	0	0	0	0	1	1	0
03	2	1	0	0	0	0	0	0	0	0	1	1	1
04	1	1	1	0	0	0	0	0	0	0	1	1	0
05	1	1	0	0	0	0	0	0	0	0	0	1	0
06	1	0	0	0	0	0	0	0	0	0	0	1	0
07	1	0	0	0	2	1	0	0	0	0	0	1	0
08	1	1	1	0	0	0	0	0	0	0	1	1	1
09	1	1	1	0	2	0	0	1	1	1	1	1	1
10	1	0	1	1	1	1	0	0	1	1	1	2	1
11	2	1	3	1	1	1	0	1	1	1	1	1	1
12	1	0	2	2	1	1	0	1	1	1	2	1	1
13	2	1	1	3	1	1	2	1	1	0	1	1	1
14	2	1	2	1	1	2	1	0	1	0	0	2	1
15	1	1	1	1	0	0	1	0	1	0	1	0	1
16	1	0	1	0	1	0	1	0	0	0	0	1	1
17	0	0	0	1	0	1	0	0	0	0	0	0	0
18	1	0	0	0	0	0	0	0	0	0	1	0	0
19	1	0	1	1	0	0	0	0	0	0	0	0	0
20	1	1	1	0	0	1	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	0	0	0	1	0	0	0	0	1	0	0
23	1	1	0	1	0	0	0	0	0	0	2	0	0
ALL	1	0	1	1	0	0	0	0	0	0	1	1	1

TABLE 28-4. PERCENT FREQUENCY OF CROSSWINDS GIVEN GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	0	0	0	0	0	1	0	0
01	1	1	0	0	0	0	0	0	0	0	1	0	0
02	1	1	0	0	0	0	0	0	0	0	1	1	0
03	1	1	0	0	0	0	0	0	0	0	1	0	0
04	1	0	1	0	0	0	0	0	0	0	1	1	0
05	1	1	0	0	0	0	0	0	0	0	0	0	0
06	1	0	0	0	0	0	0	0	0	0	0	1	0
07	0	0	0	0	0	0	0	0	0	0	0	1	0
08	1	0	0	0	0	0	0	0	0	0	0	1	0
09	1	1	0	0	1	0	0	0	0	1	0	1	0
10	0	0	0	1	0	1	0	0	0	1	1	1	1
11	1	0	0	1	0	1	0	0	0	0	1	1	0
12	1	0	1	1	1	1	0	0	1	0	1	1	1
13	1	1	0	1	0	0	1	0	1	0	0	0	1
14	1	1	1	0	1	1	1	0	0	0	0	1	1
15	1	1	1	0	0	0	1	0	0	0	0	0	0
16	1	0	0	0	1	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	0	0	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	0	0	0	0	0	0	0
23	1	0	0	0	0	0	0	0	0	0	1	0	0
ALL	1	0	0	0	0	0	0	0	0	0	0	0	0

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 28-1 THRU 28-4:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	414	368	410	399	386	384	410	408	402	420	405	419	4825
01	418	377	417	397	383	386	407	413	400	424	398	418	4838
02	414	371	416	404	392	381	398	409	400	420	408	423	4836
03	417	376	413	407	385	377	412	412	405	414	411	420	4849
04	420	376	421	402	386	384	416	422	409	416	410	421	4883
05	419	366	425	404	393	391	420	413	405	420	413	423	4892
06	423	376	423	405	392	388	410	420	404	423	400	419	4883
07	415	374	418	409	389	389	416	422	408	418	409	420	4887
08	416	372	422	407	393	388	417	425	405	422	410	420	4897
09	422	375	419	406	394	388	416	423	398	419	402	417	4879
10	420	382	420	404	398	380	414	424	414	423	405	421	4905
11	411	379	423	404	389	379	410	424	407	418	402	417	4863
12	420	378	410	398	388	384	406	416	401	420	402	415	4838
13	411	381	408	400	383	381	407	420	401	420	402	420	4834
14	417	373	417	401	383	372	416	419	409	422	406	419	4854
15	413	378	409	401	386	388	409	419	406	417	402	426	4854
16	414	376	416	406	396	387	412	421	407	420	410	418	4883
17	416	374	420	402	388	390	413	406	408	419	412	419	4867
18	419	380	420	402	398	386	410	414	400	418	406	423	4876
19	420	381	424	399	387	391	419	417	403	423	407	419	4890
20	421	380	418	406	397	383	414	422	402	414	415	420	4892
21	420	379	410	408	393	383	412	419	404	419	399	423	4869
22	426	383	417	392	388	387	408	420	404	421	408	419	4873
23	408	369	403	391	380	375	406	417	404	388	373	412	4726
ALL	10014		9999		9347		9878		9706		9715		116693
		9024		9654		9222		10025		10038		10071	

TABLE 28-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	23	18	35	31	0	43	25	20	0	36	23	32	26
01	24	23	22	25	*	17	75	20	25	36	22	29	26
02	18	29	15	30	33	60	33	75	0	27	24	21	23
03	20	31	25	27	50	67	50	75	0	30	18	36	29
04	29	6	16	20	0	43	33	50	0	31	26	38	26
05	24	9	25	36	0	20	17	0	17	50	19	32	25
06	15	15	22	7	0	6	0	13	9	31	42	27	17
07	17	0	19	9	10	9	0	11	8	35	28	25	15
08	19	13	17	14	5	11	0	0	8	25	15	22	13
09	25	10	9	9	10	11	11	3	8	23	14	20	13
10	15	7	17	15	13	18	4	8	2	11	15	18	12
11	20	15	19	17	17	13	8	2	5	13	19	22	15
12	20	16	17	19	13	11	13	10	8	18	14	24	16
13	14	12	14	20	20	15	8	3	10	19	18	21	14
14	23	27	16	18	16	17	8	8	10	19	24	21	17
15	29	12	18	16	16	11	13	9	10	18	16	24	16
16	21	21	13	21	18	16	10	9	9	19	17	24	16
17	23	15	22	16	14	18	11	14	5	20	9	27	17
18	19	33	16	23	15	21	17	31	7	31	32	30	24
19	18	15	21	19	29	20	23	22	23	46	17	27	22
20	20	26	33	17	13	30	0	25	18	36	16	20	21
21	37	20	35	24	50	17	17	0	0	29	29	19	27
22	20	22	9	31	50	29	14	33	25	22	19	20	21
23	23	14	25	31	20	13	14	50	17	43	32	32	26
ALL	21	16	18	18	15	16	10	10	8	23	20	25	18

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

TABLE 28-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	5	0	0	0	0	0	0	0	0	0	1
01	2	0	0	0	*	0	0	0	0	0	0	5	2
02	8	0	0	0	0	0	0	0	0	0	3	0	2
03	2	8	0	0	0	0	0	0	0	0	0	6	2
04	2	6	0	0	0	0	0	0	0	0	0	3	2
05	2	9	0	0	0	0	0	0	0	0	0	0	1
06	4	5	0	0	0	0	0	0	0	0	0	2	2
07	4	14	0	0	0	0	0	0	0	0	3	0	2
08	5	6	0	0	0	0	0	0	0	0	3	0	1
09	4	4	0	0	0	0	0	0	0	0	0	0	1
10	3	7	0	0	0	0	0	0	0	0	2	4	1
11	1	8	0	0	0	0	0	0	0	0	0	0	1
12	8	3	0	0	0	0	0	0	0	0	1	1	1
13	11	3	0	0	0	0	0	0	0	0	0	0	1
14	7	4	0	0	0	0	0	0	0	0	0	0	1
15	6	0	1	0	0	0	0	0	0	0	2	0	1
16	9	0	2	2	0	0	0	0	0	0	2	2	2
17	13	0	0	3	0	0	0	0	0	5	0	2	2
18	6	0	0	0	0	0	0	0	0	0	2	2	2
19	9	4	0	0	0	0	0	0	0	0	7	2	3
20	4	0	0	0	0	0	0	0	0	0	3	3	2
21	2	0	5	0	0	0	0	0	0	0	3	0	1
22	5	0	4	0	0	0	0	0	0	0	0	3	2
23	9	0	0	0	0	0	0	0	0	0	0	0	2
ALL	5	4	1	0	0	0	0	0	0	0	1	1	1

TABLE 28-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	18	5	0	0	0	0	0	0	0	12	0	4
01	4	15	6	0	*	0	0	0	0	0	6	5	5
02	0	7	4	0	0	0	0	0	0	0	7	6	3
03	5	31	6	0	0	0	0	0	0	0	4	6	5
04	2	38	5	0	0	0	0	0	0	0	4	6	6
05	7	36	5	0	0	0	0	0	0	0	8	3	6
06	7	30	4	0	0	0	0	0	0	0	0	5	5
07	11	50	16	0	0	0	0	0	0	0	7	8	8
08	12	39	7	0	0	0	0	0	0	0	5	5	6
09	13	46	5	0	0	0	0	0	0	0	8	5	7
10	9	39	3	0	0	0	0	0	0	0	6	5	5
11	4	25	3	0	0	0	0	0	0	0	6	4	3
12	9	20	0	0	0	0	0	0	0	0	3	8	4
13	9	24	0	0	0	0	0	0	0	0	3	3	3
14	10	23	0	0	0	0	0	0	0	0	4	3	3
15	8	20	0	0	0	0	0	0	0	0	9	0	2
16	13	21	0	0	0	0	0	0	0	0	5	2	3
17	13	33	0	0	0	0	0	0	0	0	3	4	4
18	10	29	8	0	0	0	0	0	0	0	7	2	5
19	11	35	0	0	0	0	0	0	0	0	7	0	6
20	8	26	5	0	0	0	0	0	0	0	10	3	7
21	4	20	0	0	0	0	0	0	0	0	6	2	4
22	7	18	4	0	0	0	0	0	0	0	6	0	4
23	5	29	0	6	0	0	0	0	0	0	7	5	6
ALL	8	28	3	0	0	0	0	0	0	0	6	4	4

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 28-5 THRU 28-7:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	43	17	20	13	5	7	4	5	4	11	26	38	193
01	49	13	18	12	0	6	4	5	4	14	32	38	195
02	40	14	26	10	3	5	3	4	4	11	29	34	183
03	44	13	16	11	4	9	8	4	8	10	28	33	188
04	48	16	19	10	4	7	6	2	6	13	26	32	189
05	43	11	20	14	6	10	6	4	6	14	37	38	209
06	46	20	23	14	18	18	16	8	10	16	19	41	249
07	47	22	32	34	31	32	21	9	25	20	29	39	341
08	42	31	42	41	38	28	30	24	38	24	39	37	414
09	56	48	58	54	58	37	38	32	40	31	49	40	541
10	65	46	71	68	55	49	46	48	49	47	53	57	654
11	71	52	73	77	53	55	62	45	55	64	67	67	741
12	79	64	72	77	56	70	62	51	58	62	69	71	791
13	76	59	83	85	51	66	75	63	69	48	60	61	796
14	61	56	81	72	63	64	72	63	72	53	54	62	773
15	52	41	68	68	62	63	80	56	61	33	44	50	678
16	56	29	48	52	53	50	50	47	35	31	42	44	537
17	48	27	32	38	37	49	36	37	21	20	32	45	422
18	48	21	25	30	20	24	23	13	14	16	41	44	319
19	45	26	19	26	14	14	13	9	13	13	29	41	262
20	51	27	21	18	8	10	10	4	11	11	31	40	242
21	52	15	19	17	8	12	6	2	9	7	31	42	220
22	43	17	23	16	4	14	7	3	4	9	32	40	212
23	43	14	20	16	5	8	7	2	6	7	28	37	193
ALL	1248	699	929	873	656	707	685	540	622	585	927	1071	9542

TABLE 28-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	36	50	50	33	0	100	*	*	*	33	43	25	38
01	31	33	25	33	*	*	0	*	*	33	20	67	33
02	30	33	25	50	100	67	*	*	*	0	25	33	33
03	29	40	67	67	100	100	*	*	0	50	18	55	40
04	50	0	17	0	0	100	*	0	0	50	13	50	29
05	50	33	0	25	0	100	*	0	0	*	27	36	35
06	17	0	0	0	0	50	0	0	0	25	71	13	20
07	20	0	27	0	13	33	0	0	40	20	50	50	26
08	30	29	17	14	0	0	0	0	0	22	11	20	15
09	36	29	20	10	17	10	0	0	0	30	38	13	18
10	40	11	23	11	0	25	0	25	6	13	38	13	17
11	39	18	25	11	17	10	8	0	6	11	38	29	19
12	32	29	20	17	15	6	20	18	13	27	29	12	20
13	24	0	27	30	33	0	12	0	0	11	38	13	17
14	30	44	29	22	19	39	8	7	13	38	50	24	25
15	36	29	39	31	25	8	18	29	23	17	22	45	27
16	29	22	33	45	63	13	9	0	17	33	38	55	31
17	27	0	25	13	0	50	0	0	0	0	11	25	15
18	17	0	0	50	33	33	0	50	0	0	38	44	26
19	23	50	27	50	33	0	0	0	0	0	13	14	21
20	18	50	33	0	*	20	0	50	0	0	13	33	23
21	44	50	20	50	100	20	0	0	0	0	40	22	34
22	25	33	13	0	*	60	*	100	0	0	17	13	22
23	13	50	29	0	0	0	50	*	0	50	75	60	34
ALL	30	23	26	22	21	24	9	11	9	21	32	29	24

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

TABLE 28-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	*	*	*	0	0	0	0
01	0	0	0	0	*	*	0	*	*	0	0	0	0
02	0	0	0	0	0	0	*	*	*	0	0	0	0
03	0	0	0	0	0	0	*	*	0	0	0	0	0
04	0	0	0	0	0	0	*	0	0	0	0	0	0
05	0	0	0	0	0	0	*	0	0	*	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	7	2
07	0	20	0	0	0	0	0	0	0	0	0	0	1
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	14	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	6	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	4	0	0	0	0	0	0	0	0	0	0	0	1
14	4	11	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	7	0	0	9	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	50	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	8	0	0	0	0	0	0	0	0	0	13	14	6
20	0	0	0	0	*	0	0	0	0	0	13	17	4
21	0	0	0	0	0	0	0	0	0	0	10	0	2
22	6	0	0	0	*	0	*	0	0	0	0	0	2
23	13	0	0	0	0	0	0	*	0	0	0	0	4
ALL	2	2	0	0	0	0	0	0	0	1	1	1	1

TABLE 28-10 PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	*	*	*	0	0	0	0
01	0	0	0	0	*	*	0	*	*	0	0	0	0
02	0	0	0	0	0	0	*	*	*	0	0	0	0
03	0	20	0	0	0	0	*	*	0	0	0	0	2
04	0	0	0	0	0	0	*	0	0	0	0	0	0
05	0	0	0	0	0	0	*	0	0	*	0	7	2
06	0	0	0	0	0	0	0	0	0	0	0	7	2
07	0	40	18	0	0	0	0	0	0	0	0	0	6
08	0	14	0	0	0	0	0	0	0	0	0	0	1
09	7	14	0	0	0	0	0	0	0	0	0	0	2
10	0	44	5	0	0	0	0	0	0	0	0	0	3
11	0	18	0	0	0	0	0	0	0	0	0	0	2
12	5	7	0	0	0	0	0	0	0	0	0	0	1
13	0	15	0	0	0	0	0	0	0	0	0	0	1
14	4	11	0	0	0	0	0	0	0	0	17	0	2
15	7	0	0	0	0	0	0	0	0	0	0	0	1
16	7	11	0	0	0	0	0	0	0	0	0	0	2
17	9	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	8	0	0	0	0	0	0	0	0	0	13	0	4
20	12	0	0	0	*	0	0	0	0	0	13	0	5
21	6	0	0	0	0	0	0	0	0	0	10	0	3
22	6	0	0	0	*	0	*	0	0	0	17	0	4
23	7	0	0	0	0	0	0	*	0	0	0	0	2
ALL	3	12	1	0	0	0	0	0	0	0	2	1	2

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 28-8 THRU 28-10:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	11	2	6	3	1	1	0	0	0	3	7	8	42
01	16	3	4	3	0	0	1	0	0	3	10	6	46
02	10	3	4	2	1	3	0	0	0	3	8	9	43
03	14	5	3	3	1	1	0	0	2	4	11	11	55
04	10	7	6	2	1	1	0	1	2	2	8	12	52
05	12	3	2	4	2	2	0	1	1	0	11	14	52
06	12	3	2	2	2	2	2	1	2	4	7	15	54
07	10	5	11	3	8	3	1	2	5	5	4	12	69
08	10	7	12	7	6	1	8	3	5	9	9	10	87
09	14	7	15	10	12	10	5	5	8	10	8	15	119
10	15	9	22	18	11	12	8	8	18	16	13	16	166
11	18	17	28	18	18	10	12	10	16	19	16	14	196
12	22	14	25	23	13	17	10	11	16	15	17	17	200
13	25	13	22	23	9	9	17	13	16	9	13	15	184
14	23	9	21	23	21	18	13	14	15	8	6	17	188
15	14	7	18	16	8	13	17	7	13	6	9	11	139
16	14	9	12	11	8	8	11	6	6	3	8	11	107
17	11	4	4	8	1	6	7	7	7	2	9	8	74
18	12	1	4	4	3	3	5	4	2	2	8	9	57
19	13	2	11	2	3	2	1	1	1	2	8	7	53
20	17	4	9	3	0	5	1	2	1	1	8	6	57
21	16	2	5	6	1	5	1	1	1	1	10	9	58
22	16	3	8	4	0	5	0	1	2	2	6	8	55
23	15	2	7	3	1	1	2	0	1	2	8	5	47
ALL	350	141	261	201	131	138	122	98	140	131	222	265	2200

TABLE 28-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	43	100	100	50	0	*	*	*	*	50	50	50	52
01	38	50	*	0	*	*	*	*	*	*	50	100	50
02	0	50	100	100	*	100	*	*	*	*	25	50	44
03	22	50	50	100	*	*	*	*	0	100	0	67	35
04	60	0	33	0	*	*	*	0	*	*	0	50	30
05	33	0	*	*	*	100	*	*	*	*	0	33	27
06	40	0	*	0	0	*	0	*	0	100	0	0	20
07	67	0	0	*	17	0	*	*	100	0	100	67	39
08	50	0	25	0	0	0	*	0	0	50	0	20	18
09	50	40	33	0	0	0	0	0	0	50	33	0	22
10	25	100	40	17	0	50	0	0	25	20	40	29	28
11	71	50	33	33	50	0	0	0	0	0	50	20	29
12	50	100	44	33	0	0	0	67	17	25	43	20	32
13	25	0	40	42	100	0	13	0	0	0	50	33	25
14	22	75	50	67	20	67	17	0	0	100	100	29	38
15	67	67	20	40	*	0	20	0	33	100	25	50	38
16	40	*	50	100	75	0	33	0	0	0	50	67	48
17	0	0	*	25	*	50	*	0	0	0	*	*	14
18	20	*	0	*	100	100	0	0	*	0	33	50	28
19	20	0	33	50	100	0	*	0	*	*	50	0	28
20	40	0	40	0	*	0	0	50	*	0	0	0	23
21	50	0	100	100	*	0	*	0	*	*	100	0	43
22	0	0	50	0	*	67	*	*	*	0	33	50	26
23	0	50	50	0	*	0	50	*	*	*	83	100	43
ALL	36	35	40	37	28	32	14	11	10	29	37	37	32

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

TABLE 28-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	*	*	*	0	0	0	0
01	0	0	*	0	*	*	*	*	*	*	0	0	0
02	0	0	0	0	*	0	*	*	*	*	0	0	0
03	0	0	0	0	*	*	*	*	0	0	0	0	0
04	0	0	0	0	*	*	*	0	*	*	0	0	0
05	0	0	*	*	*	0	*	*	*	*	0	0	0
06	0	0	*	0	0	*	0	*	0	0	0	0	0
07	0	0	0	*	0	0	*	*	0	0	0	0	0
08	0	0	0	0	0	0	*	0	0	0	0	0	0
09	0	20	0	0	0	0	0	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	13	0	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	*	0	0	0	0	0	0	0	0
16	20	*	0	0	0	0	0	0	0	0	0	0	4
17	0	0	*	0	*	0	*	0	0	0	*	*	0
18	0	*	0	*	0	0	0	0	*	0	0	0	0
19	0	0	0	0	0	0	*	0	*	*	0	0	0
20	0	0	0	0	*	0	0	0	*	0	0	0	0
21	0	0	0	0	*	0	*	0	*	*	0	0	0
22	0	0	0	0	*	0	*	*	*	0	0	0	0
23	0	0	0	0	*	0	0	*	*	*	0	0	0
ALL	2	2	0	0	0	0	0	0	0	0	0	0	0

TABLE 28-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	*	*	*	0	0	0	0
01	0	0	*	0	*	*	*	*	*	*	0	0	0
02	0	0	0	0	*	0	*	*	*	*	0	0	0
03	0	50	0	0	*	*	*	*	0	0	0	0	4
04	0	0	0	0	*	*	*	0	*	*	0	0	0
05	0	0	*	*	*	0	*	*	*	*	0	33	9
06	0	0	*	0	0	*	0	*	0	0	0	0	0
07	0	100	0	*	0	0	*	*	0	0	0	0	4
08	0	0	0	0	0	0	*	0	0	0	0	0	0
09	17	0	0	0	0	0	0	0	0	0	0	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	*	0	0	0	0	0	0	0	0
16	0	*	0	0	0	0	0	0	0	0	0	0	0
17	0	0	*	0	*	0	*	0	0	0	*	*	0
18	0	*	0	*	0	0	0	0	*	0	0	0	0
19	0	0	0	0	0	0	*	0	*	*	0	0	0
20	20	0	0	0	*	0	0	0	*	0	0	0	5
21	0	0	0	0	*	0	*	0	*	*	0	0	0
22	0	0	0	0	*	0	*	*	*	0	0	0	0
23	0	0	0	0	*	0	0	*	*	*	0	0	0
ALL	2	5	0	0	0	0	0	0	0	0	0	1	1

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 28-11 THRU 28-13:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	7	1	2	2	1	0	0	0	0	2	4	4	23
01	8	2	0	1	0	0	0	0	0	0	2	3	16
02	3	2	1	1	0	1	0	0	0	0	4	4	16
03	9	2	2	2	0	0	0	0	1	1	6	3	26
04	5	2	3	1	0	0	0	1	0	0	4	4	20
05	3	2	0	0	0	1	0	0	0	0	2	3	11
06	5	1	0	1	1	0	1	0	1	1	1	3	15
07	3	1	2	0	6	2	0	0	1	1	1	6	23
08	4	2	4	2	1	1	0	1	2	2	4	5	28
09	6	5	6	2	6	1	2	3	3	4	3	5	46
10	4	1	5	6	2	4	2	2	4	5	5	7	47
11	7	2	12	6	2	2	2	3	5	5	4	5	55
12	6	1	9	6	4	4	2	3	6	4	7	5	57
13	8	4	5	12	2	3	8	4	5	1	4	3	59
14	9	4	8	3	5	6	6	1	6	1	2	7	58
15	6	3	5	5	0	1	5	2	3	1	4	2	37
16	5	0	4	2	4	1	3	1	1	1	2	3	27
17	2	1	0	4	0	2	0	2	2	1	0	0	14
18	5	0	2	0	1	1	2	1	0	1	3	2	18
19	5	1	3	2	1	1	0	1	0	0	2	2	18
20	5	2	5	1	0	2	1	2	0	1	2	1	22
21	6	1	1	1	0	1	0	1	0	0	1	2	14
22	5	1	2	1	0	3	0	0	0	2	3	2	19
23	5	2	2	2	0	1	2	0	0	0	6	1	21
ALL	131	43	83	63	36	38	36	28	40	34	76	82	690

TABLE 28-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	67	100	*	100	0	*	*	*	*	50	33	0	46
01	33	50	*	0	*	*	*	*	*	*	50	100	50
02	0	50	100	*	*	*	*	*	*	*	33	33	33
03	17	50	100	*	*	*	*	*	*	*	0	*	23
04	50	0	33	*	*	*	*	*	*	*	0	67	36
05	33	0	*	*	*	*	*	*	*	*	0	0	13
06	50	0	*	*	*	*	0	*	0	*	0	0	18
07	100	*	0	*	0	0	*	*	*	0	100	80	55
08	33	0	0	0	0	*	*	0	0	100	0	33	18
09	50	0	*	0	0	*	*	0	0	50	0	0	19
10	0	100	100	33	0	67	0	0	0	33	0	40	33
11	60	100	100	25	0	0	0	*	*	*	50	0	38
12	75	*	67	50	0	0	0	100	0	0	33	0	26
13	33	0	100	40	100	0	17	0	0	*	50	0	26
14	33	100	60	100	0	100	20	*	0	*	100	33	46
15	80	100	33	50	*	0	33	*	0	*	100	0	50
16	33	*	100	100	100	*	100	*	0	0	100	0	64
17	0	*	*	0	*	50	*	0	*	0	*	*	13
18	0	*	0	*	100	*	0	0	*	*	50	50	27
19	50	*	50	*	100	0	*	0	*	*	*	0	38
20	25	*	0	0	*	0	0	*	*	*	0	*	10
21	40	*	100	*	*	0	*	*	*	*	100	*	50
22	0	*	50	0	*	67	*	*	*	0	*	*	30
23	0	100	100	*	*	*	50	*	*	*	100	*	64
ALL	39	48	54	36	32	33	19	9	0	31	38	29	34

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

TABLE 28-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	0	0	*	*	*	*	0	0	0	0
01	0	0	*	0	*	*	*	*	*	*	0	0	0
02	0	0	0	*	*	*	*	*	*	*	0	0	0
03	0	0	0	*	*	*	*	*	*	*	0	*	0
04	0	0	0	*	*	*	*	*	*	*	0	0	0
05	0	0	*	*	*	*	*	*	*	*	0	0	0
06	0	0	*	*	*	*	0	*	0	*	0	0	0
07	0	*	0	*	0	0	*	*	*	0	0	0	0
08	0	0	0	0	0	*	*	0	0	0	0	0	0
09	0	50	*	0	0	*	*	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	*	*	*	0	0	0
12	0	*	0	0	0	0	0	0	0	0	0	0	0
13	33	0	0	0	0	0	0	0	0	*	0	0	4
14	0	0	0	0	0	0	0	*	0	*	0	0	0
15	0	0	0	0	*	0	0	*	0	*	0	0	0
16	33	*	0	0	0	*	0	*	0	0	0	0	7
17	0	*	*	0	*	0	*	0	*	0	*	*	0
18	0	*	0	*	0	*	0	0	*	*	0	0	0
19	0	*	0	*	0	0	*	0	*	*	*	0	0
20	0	*	0	0	*	0	0	*	*	*	0	*	0
21	0	*	0	*	*	0	*	*	*	*	0	*	0
22	0	*	0	0	*	0	*	*	*	0	*	*	0
23	0	0	0	*	*	*	0	*	*	*	0	*	0
ALL	3	4	0	0	0	0	0	0	0	0	0	0	1

TABLE 28-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	0	0	*	*	*	*	0	0	0	0
01	0	0	*	0	*	*	*	*	*	*	0	0	0
02	0	0	0	*	*	*	*	*	*	*	0	0	0
03	0	50	0	*	*	*	*	*	*	*	0	*	8
04	0	0	0	*	*	*	*	*	*	*	0	0	0
05	0	0	*	*	*	*	*	*	*	*	0	100	13
06	0	0	*	*	*	*	0	*	0	*	0	0	0
07	0	*	0	*	0	0	*	*	*	0	0	0	0
08	0	0	0	0	0	*	*	0	0	0	0	0	0
09	25	0	*	0	0	*	*	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	*	*	*	0	0	0
12	0	*	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	*	0	0	0
14	0	0	0	0	0	0	0	*	0	*	0	0	0
15	0	0	0	0	*	0	0	*	0	*	0	0	0
16	0	*	0	0	0	*	0	*	0	0	0	0	0
17	0	*	*	0	*	0	*	0	*	0	*	*	0
18	0	*	0	*	0	*	0	0	*	*	0	0	0
19	0	*	0	*	0	0	*	0	*	*	*	0	0
20	0	*	0	0	*	0	0	*	*	*	0	*	0
21	0	*	0	*	*	0	*	*	*	*	0	*	0
22	0	*	0	0	*	0	*	*	*	0	*	*	0
23	0	0	0	*	*	*	0	*	*	*	0	*	0
ALL	1	4	0	0	0	0	0	0	0	0	0	2	1

STATION: RHEIN-MAIN AB, GE

WMO #: 106370 RUNWAY HEADING: 180-360

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 28-14 THRU 28-16:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	1	0	1	1	0	0	0	0	2	3	2	13
01	3	2	0	1	0	0	0	0	0	0	2	2	10
02	3	2	1	0	0	0	0	0	0	0	3	3	12
03	6	2	1	0	0	0	0	0	0	0	4	0	13
04	4	1	3	0	0	0	0	0	0	0	3	3	14
05	3	2	0	0	0	0	0	0	0	0	2	1	8
06	4	1	0	0	0	0	1	0	1	0	1	3	11
07	1	0	1	0	1	1	0	0	0	1	1	5	11
08	3	1	2	2	1	0	0	1	1	1	2	3	17
09	4	2	0	1	2	0	0	2	1	4	1	4	21
10	1	1	2	3	1	3	2	2	1	3	3	5	27
11	5	1	2	4	1	2	2	0	0	0	4	3	24
12	4	0	3	2	3	3	2	1	5	1	3	4	31
13	3	2	1	5	1	1	6	1	3	0	2	2	27
14	3	2	5	1	3	2	5	0	1	0	1	3	26
15	5	2	3	2	0	1	3	0	2	0	1	1	20
16	3	0	1	2	3	0	1	0	1	1	1	1	14
17	1	0	0	2	0	2	0	2	0	1	0	0	8
18	1	0	2	0	1	0	2	1	0	0	2	2	11
19	2	0	2	0	1	1	0	1	0	0	0	1	8
20	4	0	2	1	0	1	1	0	0	0	1	0	10
21	5	0	1	0	0	1	0	0	0	0	1	0	8
22	2	0	2	1	0	3	0	0	0	2	0	0	10
23	3	1	1	0	0	0	2	0	0	0	4	0	11
ALL	76	23	35	28	19	21	27	11	16	16	45	48	365

STATION: SCHWAEBISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

TABLE 29-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	0	*	*	*	*	0	*	0	0	0
01	0	*	*	*	*	*	0	0	0	*	0	0	0
02	0	*	*	*	*	0	*	*	0	*	0	0	0
03	0	*	*	*	0	0	*	*	0	*	20	0	3
04	0	*	0	1	0	0	0	1	0	0	0	*	0
05	2	1	1	0	0	0	0	0	0	1	0	3	1
06	1	0	1	0	0	0	0	0	0	0	1	2	1
07	2	0	1	0	1	1	0	0	0	1	1	3	1
08	3	1	1	2	1	1	0	0	0	1	1	3	1
09	1	2	3	2	2	1	0	1	1	1	1	2	1
10	2	1	3	1	0	1	0	0	0	2	0	2	1
11	3	1	3	1	1	0	0	1	0	0	1	2	1
12	1	1	3	2	0	1	1	1	2	1	1	3	1
13	2	1	2	3	0	1	1	1	1	1	0	3	1
14	2	1	3	3	1	2	0	1	1	1	1	3	2
15	1	0	4	3	1	0	1	2	1	1	1	1	1
16	1	1	2	3	1	1	0	2	1	1	0	1	1
17	1	1	2	0	1	1	0	0	1	1	0	0	1
18	1	0	2	1	0	0	0	0	1	2	0	1	1
19	1	0	2	2	0	0	0	0	0	1	0	2	1
20	4	1	3	1	0	0	0	1	0	1	1	3	1
21	3	1	4	1	0	1	0	0	0	0	1	3	1
22	0	*	0	2	0	0	1	0	0	*	0	*	0
23	0	*	*	*	*	*	*	*	0	*	0	*	0
ALL	2	1	2	2	1	1	0	1	1	1	1	2	1

TABLE 29-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	0	*	*	*	*	0	*	0	0	0
01	0	*	*	*	*	*	0	0	0	*	0	0	0
02	0	*	*	*	*	0	*	*	0	*	0	0	0
03	0	*	*	*	0	0	*	*	0	*	0	0	0
04	0	*	0	0	0	0	0	0	0	0	0	*	0
05	1	0	0	0	0	0	0	0	0	0	0	0	0
06	1	0	0	0	0	0	0	0	0	0	0	1	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	1	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1	1	0	0	0	0	0	0	0	0	0
13	0	0	1	1	0	0	0	0	0	0	0	0	0
14	0	0	1	0	0	1	0	0	0	0	0	1	0
15	0	0	0	0	0	0	0	0	0	1	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	1	0	0	0	0	0	0	0	0	0	0
21	2	0	2	0	0	0	0	0	0	0	0	0	0
22	0	*	0	2	0	0	0	0	0	*	0	*	0
23	0	*	*	*	*	*	*	*	0	*	0	*	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: SCHWABISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

TABLE 29-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	0	*	*	*	*	0	*	0	0	0
01	0	*	*	*	*	*	0	0	0	*	0	0	0
02	0	*	*	*	*	0	*	*	0	*	0	0	0
03	0	*	*	*	0	0	*	*	0	*	0	0	0
04	0	*	0	0	0	0	0	0	0	0	0	*	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	*	0	0	0	0	0	0	0	*	0	*	0
23	0	*	*	*	*	*	*	*	0	*	0	*	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 29-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	0	*	*	*	*	0	*	0	0	0
01	0	*	*	*	*	*	0	0	0	*	0	0	0
02	0	*	*	*	*	0	*	*	0	*	0	0	0
03	0	*	*	*	0	0	*	*	0	*	0	0	0
04	0	*	0	0	0	0	0	0	0	0	0	*	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	*	0	0	0	0	0	0	0	*	0	*	0
23	0	*	*	*	*	*	*	*	0	*	0	*	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: SCHWAEBISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 29-1 THRU 29-4

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	1	0	0	0	0	26	0	5	2	35
01	1	0	0	0	0	0	1	2	28	0	5	1	38
02	1	0	0	0	0	1	0	0	26	0	5	1	34
03	1	0	0	0	1	1	0	0	27	0	5	1	36
04	3	0	12	136	120	134	139	150	119	1	6	0	820
05	276	260	289	284	273	276	290	307	264	298	254	228	3299
06	284	267	292	291	286	282	292	309	279	301	255	233	3371
07	298	270	307	293	289	288	294	310	293	303	261	274	3480
08	298	270	307	293	290	288	294	310	294	302	261	274	3481
09	297	269	307	294	289	288	295	310	295	303	261	281	3489
10	297	269	307	294	289	288	297	310	295	302	261	281	3490
11	299	268	307	294	289	288	297	310	295	303	260	281	3491
12	299	268	306	294	289	288	297	310	295	303	261	280	3490
13	297	268	306	293	289	288	296	310	295	302	261	276	3481
14	297	267	306	292	287	288	296	309	295	301	260	276	3474
15	297	267	302	286	275	283	288	310	279	301	256	274	3418
16	284	262	289	284	271	277	288	307	263	299	250	240	3314
17	274	260	285	283	266	269	283	305	259	298	247	194	3223
18	264	253	285	282	266	268	279	303	252	291	245	192	3180
19	258	248	283	259	237	241	258	273	224	290	242	181	2994
20	139	148	171	162	147	148	163	176	134	179	158	124	1849
21	89	104	109	91	94	107	125	138	115	158	109	78	1317
22	2	0	9	59	61	75	89	91	74	0	5	0	465
23	1	0	0	0	0	0	0	0	28	0	4	0	33
		4218		4765		4666		5150		4835		3972	
ALL	4557		4779		4608		4861		4754		4137		55302

TABLE 29-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	100	*	100
04	*	*	*	0	*	*	*	0	*	*	*	*	0
05	33	50	67	0	*	*	*	0	*	50	100	33	41
06	75	*	33	100	*	*	*	0	*	100	50	20	47
07	60	*	50	*	100	0	100	0	*	50	50	25	44
08	13	25	0	60	0	50	*	0	100	100	0	50	33
09	25	20	13	20	20	0	*	0	25	50	50	43	24
10	60	75	0	25	0	50	100	0	*	40	0	67	39
11	63	50	11	0	25	0	100	0	100	100	33	86	43
12	25	25	0	0	100	0	0	33	17	0	0	56	19
13	60	25	20	10	0	0	0	0	0	100	*	57	29
14	60	25	30	0	25	33	0	25	50	75	33	38	31
15	50	*	9	22	75	*	50	40	50	100	33	50	38
16	67	67	14	13	33	0	0	50	0	100	*	0	29
17	25	100	20	100	0	50	100	*	0	100	0	*	44
18	0	*	17	50	0	0	0	100	0	100	0	0	36
19	0	*	50	50	100	*	*	*	*	100	0	25	45
20	0	0	60	50	*	*	*	100	*	50	0	25	32
21	0	0	75	0	*	100	*	*	*	*	0	50	38
22	*	*	*	0	*	*	100	*	*	*	*	*	50
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	38	39	23	21	34	21	40	27	25	75	29	43	34

STATION: SCHWAEBISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

TABLE 29-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	0	*	0
04	*	*	*	100	*	*	*	0	*	*	*	*	50
05	33	50	0	100	*	*	*	0	*	0	0	17	23
06	25	*	0	0	*	*	*	0	*	0	0	40	18
07	20	*	25	*	0	0	0	0	*	0	0	25	15
08	38	25	50	0	0	0	*	0	0	0	0	13	18
09	0	40	13	20	0	0	*	0	0	0	0	0	8
10	20	0	25	25	0	0	0	0	*	0	0	0	11
11	0	0	22	33	0	0	0	0	0	0	0	0	7
12	50	0	25	0	0	0	0	0	0	0	0	11	10
13	0	0	20	0	0	0	0	0	0	0	*	14	4
14	0	0	10	20	0	0	0	0	0	0	0	13	7
15	25	*	18	0	0	*	0	0	0	0	0	25	9
16	0	0	0	0	0	0	0	0	0	0	*	33	2
17	50	0	20	0	0	0	0	*	0	0	0	*	12
18	0	*	0	0	0	0	0	0	0	0	0	100	8
19	100	*	0	0	0	*	*	*	*	0	0	50	20
20	33	0	0	0	*	*	*	0	*	0	0	0	9
21	67	0	0	0	*	0	*	*	*	*	0	0	15
22	*	*	*	0	*	*	0	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	24	11	14	9	0	0	0	0	0	0	0	17	10

TABLE 29-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	0	*	0
04	*	*	*	100	*	*	*	0	*	*	*	*	50
05	50	0	0	100	*	*	*	0	*	0	0	0	18
06	25	*	0	0	*	*	*	0	*	0	0	0	6
07	0	*	25	*	0	0	0	0	*	0	50	25	15
08	50	0	50	0	0	0	*	0	0	0	33	25	23
09	25	20	13	20	0	0	*	0	0	0	0	14	10
10	0	0	38	0	0	0	0	0	*	0	100	0	11
11	0	0	33	0	0	0	0	0	0	0	0	0	7
12	25	0	13	0	0	0	0	0	0	0	0	11	6
13	0	0	0	0	0	0	0	0	0	0	*	0	0
14	0	0	0	0	0	0	0	0	0	0	0	13	2
15	0	*	9	0	0	*	0	0	0	0	33	0	4
16	33	0	14	0	0	0	0	0	0	0	*	33	7
17	50	0	40	0	0	0	0	*	0	0	0	*	16
18	0	*	17	0	0	0	0	0	0	0	0	100	12
19	0	*	0	0	0	*	*	*	*	0	0	50	10
20	0	0	0	0	*	*	*	0	*	0	0	0	0
21	33	0	0	0	*	0	*	*	*	*	0	0	8
22	*	*	*	0	*	*	0	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	18	3	15	4	0	0	0	0	0	0	14	13	8

STATION: SCHWAEBISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 29-5 THRU 29-7

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	1	0	1
04	0	0	0	1	0	0	0	1	0	0	0	0	2
05	6	2	3	1	0	0	0	1	0	2	1	6	22
06	4	0	3	1	0	0	0	1	0	1	2	5	17
07	5	0	4	0	2	2	1	1	0	2	2	8	27
08	8	4	4	5	2	2	0	1	1	2	3	8	40
09	4	5	8	5	5	3	0	2	4	4	2	7	49
10	5	4	8	4	1	2	1	1	0	5	1	6	38
11	8	4	9	3	4	1	1	2	1	1	3	7	44
12	4	4	8	6	1	4	3	3	6	2	2	9	52
13	5	4	5	10	1	2	2	3	3	3	0	7	45
14	5	4	10	10	4	6	1	4	2	4	3	8	61
15	4	0	11	9	4	0	2	5	2	3	3	4	47
16	3	3	7	8	3	3	1	6	2	2	0	3	41
17	4	2	5	1	3	2	1	0	2	4	1	0	25
18	2	0	6	4	1	1	1	1	2	5	1	2	26
19	2	0	6	4	1	0	0	0	0	2	1	4	20
20	6	1	5	2	0	0	0	1	0	2	1	4	22
21	3	1	4	1	0	1	0	0	0	0	1	2	13
22	0	0	0	1	0	0	1	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	78	38	106	76	32	29	15	33	25	44	28	90	594

TABLE 29-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	50	*	*	*	*	*	*	*	*	*	*	0	33
06	50	*	*	*	*	*	*	*	*	*	*	0	25
07	*	*	100	*	*	*	*	0	*	*	*	100	67
08	0	100	0	*	*	*	*	*	*	100	*	100	67
09	*	*	100	*	*	*	*	0	100	*	*	100	75
10	*	*	*	*	*	*	*	*	*	*	*	100	100
11	100	0	0	*	*	*	*	*	100	100	*	100	71
12	*	*	0	0	*	*	0	*	*	*	*	100	14
13	*	0	33	50	*	*	*	0	0	*	*	100	33
14	*	0	0	0	100	67	*	*	*	100	100	50	50
15	*	*	0	*	100	*	*	*	*	100	*	*	75
16	*	*	*	*	*	*	0	0	0	100	*	0	20
17	*	100	0	100	*	100	*	*	0	100	*	*	67
18	*	*	50	*	*	*	*	*	0	*	*	*	33
19	0	*	100	0	100	*	*	*	*	100	*	*	60
20	0	*	100	*	*	*	*	*	*	*	*	*	50
21	0	*	100	*	*	*	*	*	*	*	*	*	50
22	*	*	*	0	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	36	40	42	22	100	75	0	0	33	100	100	64	49

STATION: SCHWAEBISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

TABLE 29-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	50	*	*	*	*	*	*	*	*	*	*	0	33
06	50	*	*	*	*	*	*	*	*	*	*	50	50
07	*	*	0	*	*	*	*	0	*	*	*	0	0
08	0	0	0	*	*	*	*	*	*	0	*	0	0
09	*	*	0	*	*	*	*	0	0	*	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	0	0
11	0	0	100	*	*	*	*	*	0	0	*	0	14
12	*	*	50	0	*	*	0	*	*	*	*	0	14
13	*	0	33	0	*	*	*	0	0	*	*	0	11
14	*	0	50	100	0	0	*	*	*	0	0	50	25
15	*	*	100	*	0	*	*	*	*	0	*	*	25
16	*	*	*	*	*	*	0	0	0	0	*	100	20
17	*	0	0	0	*	0	*	*	0	0	*	*	0
18	*	*	0	*	*	*	*	*	0	*	*	*	0
19	100	*	0	0	0	*	*	*	*	0	*	*	20
20	0	*	0	*	*	*	*	*	*	*	*	*	0
21	100	*	0	*	*	*	*	*	*	*	*	*	50
22	*	*	*	0	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	45	0	26	11	0	0	0	0	0	0	0	21	16

TABLE 29-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	50	*	*	*	*	*	*	*	*	*	*	0	33
06	50	*	*	*	*	*	*	*	*	*	*	0	25
07	*	*	0	*	*	*	*	0	*	*	*	0	0
08	100	0	0	*	*	*	*	*	*	0	*	0	17
09	*	*	0	*	*	*	*	0	0	*	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	0	0
11	0	0	100	*	*	*	*	*	0	0	*	0	14
12	*	*	0	0	*	*	0	*	*	*	*	0	0
13	*	0	0	0	*	*	*	0	0	*	*	0	0
14	*	0	0	0	0	0	*	*	*	0	0	0	0
15	*	*	0	*	0	*	*	*	*	0	*	*	0
16	*	*	*	*	*	*	0	0	0	0	*	100	20
17	*	0	0	0	*	0	*	*	0	0	*	*	0
18	*	*	0	*	*	*	*	*	0	*	*	*	0
19	0	*	0	0	0	*	*	*	*	0	*	*	0
20	0	*	0	*	*	*	*	*	*	*	*	*	0
21	50	*	0	*	*	*	*	*	*	*	*	*	25
22	*	*	*	0	*	*	*	*	*	*	*	*	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	36	0	5	0	0	0	0	0	0	0	0	7	7

STATION: SCHWABISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 29-8 THRU 29-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	2	0	0	0	0	0	0	0	0	0	0	1	3
06	2	0	0	0	0	0	0	0	0	0	0	2	4
07	0	0	1	0	0	0	0	1	0	0	0	1	3
08	1	1	1	0	0	0	0	0	0	1	0	2	6
09	0	0	1	0	0	0	0	1	1	0	0	1	4
10	0	0	0	0	0	0	0	0	0	0	0	1	1
11	2	1	1	0	0	0	0	0	1	1	0	1	7
12	0	0	2	3	0	0	1	0	0	0	0	1	7
13	0	1	3	2	0	0	0	1	1	0	0	1	9
14	0	1	2	1	1	3	0	0	0	1	1	2	12
15	0	0	1	0	1	0	0	0	0	2	0	0	4
16	0	0	0	0	0	0	1	1	1	1	0	1	5
17	0	1	1	1	0	1	0	0	1	1	0	0	6
18	0	0	2	0	0	0	0	0	1	0	0	0	3
19	1	0	1	1	1	0	0	0	0	1	0	0	5
20	1	0	1	0	0	0	0	0	0	0	0	0	2
21	2	0	2	0	0	0	0	0	0	0	0	0	4
22	0	0	0	1	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	11	5	19	9	3	4	2	4	6	8	1	14	86

TABLE 29-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	100	*	*	*	*	*	*	*	*	*	100
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	0	*	*	0	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	100	*	*	*	*	*	*	*	100
16	*	*	*	*	*	*	0	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	*	100	0	100	*	0	*	*	*	*	*	40

STATION: SCHWABISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

TABLE 29-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	0	*	*	*	*	*	*	*	*	*	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	0	*	*	0	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	0	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	0	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	*	0	0	0	*	0	*	*	*	*	*	0

TABLE 29-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	0	*	*	*	*	*	*	*	*	*	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	0	*	*	0	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	0	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	0	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	*	0	0	0	*	0	*	*	*	*	*	0

STATION: SCHWAEBISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 29-11 THRU 29-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	1	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	1	0	0	1	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	1	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	1	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	1	1	1	0	2	0	0	0	0	0	5

TABLE 29-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	100	*	*	*	*	*	*	*	*	*	100
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	0	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	100	*	*	*	*	*	*	*	100
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	*	100	*	100	*	0	*	*	*	*	*	67

STATION: SCHWABISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

TABLE 29-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	0	*	*	*	*	*	*	*	*	*	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	0	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	0	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	*	0	*	0	*	0	*	*	*	*	*	0

TABLE 29-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	0	*	*	*	*	*	*	*	*	*	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	*	*
12	*	*	*	*	*	*	0	*	*	*	*	*	0
13	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	0	*	*	*	*	*	*	*	0
16	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	*	*	0	*	0	*	0	*	*	*	*	*	0

STATION: SCHWAEBISCH HALL AAF, FRG WMO #: 107450 RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 29-14 THRU 29-16

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	1	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	1	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	1	0	1	0	1	0	0	0	0	0	3

STATION: SEMBACH AB, GE WMO #: 107120 RUNWAY HEADING: 070-250

TABLE 30-1. PERCENT FREQUENCY OF CROSSWINDS GIVEN GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	10	2	11	5	0	0	0	3	0	6	7	8	4
01	14	2	9	4	3	0	0	6	3	8	9	6	5
02	10	5	11	5	1	0	0	6	0	4	7	6	4
03	12	2	14	5	1	0	1	2	2	4	4	5	4
04	7	1	4	3	1	1	0	1	0	2	4	9	3
05	7	2	4	5	1	0	0	1	0	1	5	7	3
06	8	3	7	3	1	1	1	0	1	2	5	6	3
07	6	2	5	3	1	2	1	2	1	3	3	6	3
08	8	3	9	5	2	4	2	3	2	3	5	4	4
09	8	4	11	7	3	5	3	2	2	5	7	4	5
10	7	4	11	7	5	5	3	5	2	6	5	5	6
11	7	4	11	8	5	5	3	3	2	6	5	5	5
12	6	4	12	8	6	7	3	5	2	6	7	5	6
13	6	4	9	11	5	4	3	4	2	5	5	4	5
14	8	3	8	10	5	5	5	4	4	4	6	3	5
15	6	4	7	8	6	3	3	5	1	2	5	4	5
16	6	3	8	7	3	3	3	4	3	2	4	4	4
17	7	2	7	10	2	1	3	4	2	2	3	4	4
18	7	2	6	6	2	3	1	2	1	3	6	5	4
19	8	2	4	3	3	0	1	0	0	1	4	4	3
20	9	2	7	4	1	0	1	0	1	2	6	6	3
21	4	2	6	4	1	1	0	3	0	1	5	6	3
22	3	1	9	5	2	0	2	4	1	6	7	4	4
23	7	0	9	6	4	2	0	0	0	5	9	3	4
ALL	7	3	8	6	3	3	2	3	2	3	5	5	4

TABLE 30-2. PERCENT FREQUENCY OF CROSSWINDS GIVEN GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	0	2	1	0	0	0	2	0	4	1	0	1
01	4	0	0	1	0	0	0	0	0	4	1	0	1
02	2	3	2	1	0	0	0	1	0	4	4	2	2
03	4	2	4	0	1	0	0	1	1	4	1	2	1
04	1	0	1	0	0	0	0	0	0	1	0	3	1
05	1	0	1	1	0	0	0	0	0	0	1	1	0
06	1	0	3	0	0	0	0	0	0	0	1	2	1
07	1	1	2	1	0	0	0	1	0	1	1	2	1
08	2	1	3	1	1	1	0	1	0	1	1	1	1
09	3	1	2	1	0	0	1	0	0	1	3	1	1
10	3	0	3	1	0	2	0	1	1	1	2	2	1
11	3	1	3	3	1	1	0	1	0	3	1	1	1
12	1	2	4	2	1	1	0	1	0	2	1	1	1
13	1	1	3	3	1	1	1	1	1	2	2	1	1
14	1	1	2	3	1	1	1	1	0	1	1	1	1
15	1	1	2	4	2	1	0	1	0	1	1	1	1
16	1	1	3	2	1	0	0	1	0	0	1	1	1
17	2	0	2	2	0	0	2	0	0	1	1	1	1
18	2	0	2	2	0	0	0	0	0	0	1	2	1
19	2	0	1	0	0	0	0	0	0	1	1	1	1
20	2	0	2	1	0	0	0	0	0	0	3	2	1
21	2	1	2	2	0	0	0	1	0	0	1	2	1
22	3	0	5	2	0	0	0	0	0	1	1	0	1
23	5	0	4	1	0	0	0	0	0	2	2	0	1
ALL	2	1	2	2	0	0	0	1	0	1	1	1	1

STATION: SEMBACH AB, GE WMO #: 107120 RUNWAY HEADING: 070-250

TABLE 30-3. PERCENT FREQUENCY OF CROSSWINDS GIVEN GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	1	0	0	0	0	0	0	1	0	0
01	2	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	2	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	1	0	0	0	0	0	0	0	0	0	0
06	0	0	1	0	0	0	0	0	0	0	0	0	0
07	0	1	1	0	0	0	0	0	0	0	0	0	0
08	1	0	1	0	0	0	0	0	0	0	0	0	0
09	1	0	1	0	0	0	0	0	0	0	0	0	0
10	1	0	1	0	0	0	0	0	0	0	0	0	0
11	0	1	1	0	0	0	0	0	0	0	0	0	0
12	0	0	0	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	1	1	0	0
14	0	0	1	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	0	0	0	0	0	0	0	1	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	0	0
21	1	0	0	0	0	0	0	0	0	0	1	0	0
22	2	0	0	0	0	0	0	0	0	0	1	0	0
23	0	0	0	1	0	0	0	0	0	0	2	0	0
ALL	0	0	1	0	0	0	0	0	0	0	0	0	0

TABLE 30-4. PERCENT FREQUENCY OF CROSSWINDS GIVEN GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	1	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	1	0	0	0	0	0	0	0	0	0	0	0
08	0	0	1	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	0	0
21	0	0	0	0	0	0	0	0	0	0	1	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	2	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: SEMBACH AB, GE

WMO #: 107120

RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 30-1 THRU 30-4.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	49	57	53	76	76	73	55	65	68	52	70	53	747
01	49	58	54	75	76	75	55	70	67	52	70	54	755
02	49	58	54	76	76	76	55	67	76	52	70	53	762
03	50	59	57	109	107	101	90	100	112	73	70	55	983
04	213	206	228	217	217	216	214	235	224	220	211	191	2592
05	275	240	271	274	271	273	261	278	255	250	231	236	3115
06	276	242	274	268	277	279	264	274	256	254	240	258	3162
07	278	243	286	314	317	311	299	321	298	254	239	258	3418
08	348	313	347	337	335	328	321	341	323	326	313	339	3971
09	351	315	353	342	344	337	333	350	333	328	317	338	4041
10	359	315	358	343	344	335	336	347	337	337	331	352	4094
11	357	317	356	343	346	337	333	350	334	338	330	353	4094
12	358	315	356	344	343	340	334	352	334	339	332	352	4099
13	356	315	356	343	349	335	335	353	336	340	330	353	4101
14	357	315	356	344	346	339	337	352	332	338	327	355	4098
15	360	312	355	326	329	318	320	338	313	337	327	353	3988
16	315	299	336	288	277	273	278	280	279	320	290	302	3537
17	213	226	258	245	236	229	233	244	240	233	209	212	2778
18	212	224	253	241	233	226	222	243	239	224	207	205	2729
19	213	219	249	230	223	218	216	233	230	222	206	205	2664
20	203	210	241	228	219	217	214	214	210	210	191	197	2554
21	181	196	212	165	162	156	115	114	132	187	173	178	1971
22	64	70	66	101	91	89	58	54	78	70	69	53	863
23	42	52	46	72	71	65	46	57	62	43	56	40	652
ALL	5528	5176	5775	5701	5665	5546	5324	5632	5468	5399	5209	5345	65768

TABLE 30-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	0	17	25	*	*	*	0	*	67	80	50	37
01	14	0	40	33	50	*	*	25	0	50	67	33	35
02	0	0	33	25	100	*	*	0	*	100	60	67	33
03	0	0	38	20	0	*	100	0	50	33	33	0	23
04	13	33	56	17	33	0	0	0	*	50	50	47	34
05	44	25	58	23	0	100	*	0	0	33	64	63	45
06	43	13	39	13	25	25	0	0	0	40	55	56	37
07	39	67	43	40	0	17	0	40	0	29	17	33	33
08	29	20	43	18	0	17	20	11	50	50	25	57	31
09	24	36	39	16	30	6	36	0	38	40	38	27	29
10	31	21	37	16	31	0	18	0	25	21	33	28	23
11	35	46	32	18	26	13	11	9	17	20	33	47	27
12	30	23	21	10	21	17	0	6	25	20	17	31	19
13	27	43	13	13	17	21	9	7	14	35	33	38	22
14	30	36	28	19	18	12	22	7	17	25	25	36	23
15	15	50	38	15	35	0	18	12	0	29	41	53	28
16	21	50	32	35	14	14	25	18	0	0	45	33	27
17	29	40	26	20	0	33	0	11	25	20	29	33	23
18	20	25	43	21	0	50	0	40	0	33	17	55	29
19	6	20	36	14	17	*	0	0	0	33	56	50	26
20	28	50	35	38	0	*	0	0	50	50	36	33	33
21	50	25	15	0	0	100	*	0	*	0	33	20	22
22	50	0	33	20	50	*	0	0	0	25	40	100	32
23	33	*	25	25	33	0	*	*	*	0	40	0	26
ALL	27	33	33	19	22	15	16	9	20	30	37	42	27

STATION: SEMBACH AB, GE

WMO #: 107120

RUNWAY HEADING: 070-250

TABLE 30-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	0	17	0	*	*	*	0	*	0	0	0	7
01	29	0	0	0	0	*	*	0	0	0	17	0	8
02	20	33	17	0	0	*	*	0	*	0	0	0	9
03	50	0	0	0	0	*	0	0	0	0	33	0	11
04	20	33	0	17	0	0	0	0	*	0	13	12	11
05	11	50	8	8	0	0	*	0	0	0	9	6	10
06	19	38	17	25	0	0	0	0	0	0	0	0	12
07	17	0	7	20	0	0	0	0	0	0	0	0	6
08	21	30	7	24	0	0	0	0	0	0	0	0	9
09	21	21	8	16	0	0	0	0	0	0	0	0	8
10	12	7	8	8	0	0	0	0	0	0	0	11	5
11	12	8	5	11	0	0	0	0	0	0	0	0	4
12	5	15	5	7	0	0	0	0	0	0	0	0	3
13	9	7	3	8	6	0	0	0	0	0	0	8	4
14	19	18	7	0	0	0	0	0	0	0	5	27	6
15	25	0	0	0	0	0	0	0	0	0	0	0	3
16	21	25	0	5	0	0	0	0	0	0	0	8	6
17	14	20	0	0	0	0	0	0	0	0	0	11	4
18	13	0	0	7	0	0	0	0	0	0	0	9	4
19	31	0	9	0	0	*	0	0	0	0	11	13	12
20	17	0	6	0	0	*	0	0	0	0	9	8	7
21	13	25	8	0	0	0	*	0	*	0	11	10	8
22	0	0	0	0	0	*	0	0	0	0	20	0	3
23	0	*	25	0	0	0	*	*	*	0	0	0	4
ALL	17	15	6	7	1	0	0	0	0	0	3	6	6

TABLE 30-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	60	100	0	0	*	*	*	0	*	0	0	0	13
01	43	100	0	33	0	*	*	0	0	0	17	0	16
02	40	100	17	0	0	*	*	0	*	0	0	0	18
03	83	100	0	0	0	*	0	0	0	0	33	0	20
04	27	67	0	0	0	0	0	0	*	0	13	12	13
05	17	50	17	0	0	0	*	0	0	0	9	13	12
06	19	38	22	0	0	0	0	0	0	0	0	0	11
07	22	0	7	0	0	0	0	0	0	0	17	7	7
08	18	40	7	6	0	0	0	0	0	0	6	7	9
09	28	14	5	4	0	0	0	0	0	0	14	0	8
10	15	14	5	0	0	0	0	0	0	0	17	6	5
11	8	15	5	4	0	0	0	0	0	0	11	0	4
12	10	8	5	4	0	0	0	0	0	0	21	0	5
13	9	7	3	0	0	0	0	0	0	0	6	8	3
14	7	0	3	0	0	0	0	0	0	0	15	9	3
15	15	25	4	0	0	0	0	0	0	0	6	13	5
16	16	13	4	0	0	0	0	0	0	0	18	8	6
17	14	20	5	4	0	0	0	0	0	0	14	0	5
18	13	0	8	0	0	0	0	0	0	0	17	0	5
19	38	0	9	0	0	*	0	0	0	0	11	0	12
20	11	0	12	0	0	*	0	0	0	0	20	8	9
21	13	25	8	14	0	0	*	0	*	0	33	11	14
22	50	0	33	20	0	*	0	0	0	0	20	0	16
23	33	*	0	25	0	0	*	*	*	0	0	0	9
ALL	19	19	7	2	0	0	0	0	0	0	13	5	7

STATION: SEMBACH AB, GE

WMO #: 107120

RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 30-5 THRU 30-7.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	1	6	4	0	0	0	2	0	3	5	4	30
01	7	1	5	3	2	0	0	4	2	4	6	3	37
02	5	3	6	4	1	0	0	4	0	2	5	3	33
03	6	1	8	5	1	0	1	2	2	3	3	3	35
04	15	3	9	6	3	2	1	2	0	4	8	17	70
05	18	4	12	13	2	1	0	3	1	3	11	16	84
06	21	8	18	8	4	4	2	1	3	5	11	16	101
07	18	6	14	9	4	6	2	5	4	7	6	15	96
08	28	10	30	16	6	12	5	9	8	10	16	14	164
09	29	14	38	25	10	16	11	6	8	15	21	15	208
10	26	14	38	24	16	16	11	17	8	19	18	18	225
11	26	13	38	27	19	16	9	11	6	20	18	17	220
12	20	13	42	28	19	24	9	16	8	20	24	16	239
13	22	14	31	37	18	14	11	15	7	17	18	13	217
14	27	11	29	36	17	17	18	14	12	12	20	11	224
15	20	12	26	27	20	9	11	17	4	7	17	15	185
16	19	8	28	20	7	7	8	11	7	6	11	12	144
17	14	5	19	25	4	3	6	9	4	5	7	9	110
18	15	4	13	14	4	6	3	5	2	6	12	11	95
19	16	5	11	7	6	0	2	1	1	3	9	8	69
20	18	4	17	8	3	0	2	1	2	4	10	12	81
21	8	4	13	7	2	1	0	3	0	2	9	9	58
22	2	1	6	5	2	0	1	2	1	4	5	2	31
23	3	0	4	4	3	1	0	0	0	2	5	1	23
ALL	388	159	461	362	173	155	113	160	90	183	275	260	2779

TABLE 30-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	100	*	*	*	0	*	100	100	*	50
01	0	*	*	100	*	*	*	*	*	100	100	*	67
02	0	0	100	100	*	*	*	0	*	100	100	0	58
03	0	0	100	*	0	*	*	0	100	33	0	0	31
04	0	100	100	*	0	*	0	0	*	50	0	60	41
05	75	*	67	0	0	100	*	*	*	*	50	100	60
06	50	*	43	0	*	*	*	*	0	100	33	50	43
07	33	33	67	0	*	*	0	0	0	0	0	50	32
08	17	33	50	0	0	0	0	33	100	0	0	75	31
09	22	0	67	25	0	0	100	0	100	50	33	33	36
10	33	0	18	33	0	0	*	0	0	25	50	67	27
11	45	100	55	40	0	0	0	0	*	22	25	100	39
12	40	40	38	0	33	0	*	0	0	29	0	67	25
13	0	50	11	0	0	33	50	0	33	17	20	0	15
14	40	0	17	20	0	50	0	0	0	0	50	40	21
15	0	67	29	25	60	0	0	40	*	50	100	67	39
16	0	67	27	80	0	0	0	33	*	0	33	50	34
17	50	100	25	50	0	100	0	0	*	0	50	33	32
18	0	*	20	50	*	100	0	*	*	*	50	20	27
19	20	*	50	*	100	*	0	0	*	50	50	67	41
20	0	0	25	50	0	*	0	*	*	0	33	0	17
21	25	100	20	0	*	*	*	0	*	*	100	0	21
22	50	*	33	0	*	*	*	*	*	100	100	*	44
23	50	*	50	0	*	*	*	*	*	0	100	*	43
ALL	27	41	38	25	19	19	15	11	33	34	42	48	32

STATION: SEMBACH AB, GE WMO #: 107120 RUNWAY HEADING: 070-250

TABLE 30-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	0	*	*	*	0	*	0	0	*	0
01	100	*	*	0	*	*	*	*	*	0	0	*	33
02	0	50	0	0	*	*	*	0	*	0	0	0	8
03	50	0	0	*	0	*	*	0	0	0	0	0	8
04	33	0	0	*	0	*	0	0	*	0	0	20	12
05	25	*	0	0	0	0	*	*	*	0	0	0	7
06	50	*	29	0	*	*	*	*	0	0	0	0	17
07	0	0	17	50	*	*	0	0	0	0	0	0	7
08	33	33	10	67	0	0	0	0	0	0	0	0	15
09	22	25	17	50	0	0	0	0	0	0	0	0	13
10	22	0	0	33	0	0	*	0	0	0	0	0	6
11	9	0	0	10	0	0	0	0	*	0	0	0	3
12	0	20	15	0	0	0	*	0	0	0	0	0	5
13	50	0	11	17	50	0	0	0	0	0	0	50	12
14	40	0	17	0	0	0	0	0	0	0	0	40	12
15	33	0	0	0	0	0	0	0	*	0	0	0	2
16	33	0	0	0	0	0	0	0	*	0	0	25	5
17	25	0	0	0	0	0	0	0	*	0	0	33	7
18	0	*	0	25	*	0	0	*	*	*	0	20	9
19	20	*	0	*	0	*	0	0	*	0	0	0	6
20	25	0	0	0	0	*	0	*	*	0	0	33	9
21	25	0	0	0	*	*	*	0	*	*	0	33	11
22	0	*	0	0	*	*	*	*	*	0	0	*	0
23	0	*	0	0	*	*	*	*	*	0	0	*	0
ALL	23	11	7	11	4	0	0	0	0	0	0	13	8

TABLE 30-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	*	0	0	*	*	*	0	*	0	0	*	13
01	100	*	*	0	*	*	*	*	*	0	0	*	33
02	100	100	0	0	*	*	*	0	*	0	0	0	25
03	50	100	0	*	0	*	*	0	0	0	0	0	15
04	67	0	0	*	0	*	0	0	*	0	0	20	18
05	25	*	0	0	0	0	*	*	*	*	0	0	7
06	25	*	29	0	*	*	*	*	0	0	0	0	13
07	0	0	17	0	*	*	0	0	0	0	0	17	7
08	33	0	10	0	0	0	0	0	0	0	0	0	8
09	33	25	17	25	0	0	0	0	0	0	11	0	16
10	22	0	0	0	0	0	*	0	0	0	0	0	4
11	9	0	9	10	0	0	0	0	*	0	0	0	5
12	20	0	0	0	0	0	*	0	0	0	25	0	4
13	50	0	0	0	0	0	0	0	0	0	0	50	4
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	*	0	0	33	2
16	0	0	0	0	0	0	0	0	*	0	33	0	3
17	0	0	0	0	0	0	0	0	*	0	0	0	0
18	25	*	20	0	*	0	0	*	*	*	0	0	9
19	40	*	0	*	0	*	0	0	*	0	0	0	12
20	25	0	0	0	0	*	0	*	*	0	20	33	14
21	25	0	0	25	*	*	*	0	*	*	0	33	16
22	50	*	0	0	*	*	*	*	*	0	0	*	11
23	50	*	0	100	*	*	*	*	*	0	0	*	29
ALL	26	11	5	5	0	0	0	0	0	0	6	8	8

STATION: SEMBACH AB, GE WMO #: 107120 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 30-8 THRU 30-10.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	1	1	0	0	0	1	0	2	1	0	8
01	2	0	0	1	0	0	0	0	0	2	1	0	6
02	1	2	1	1	0	0	0	1	0	2	3	1	12
03	2	1	2	0	1	0	0	1	1	3	1	1	13
04	3	1	2	0	1	0	1	1	0	2	1	5	17
05	4	0	3	2	1	1	0	0	0	0	2	2	15
06	4	0	7	1	0	0	0	0	1	1	3	6	23
07	3	3	6	1	0	0	1	2	1	2	2	6	27
08	6	3	10	2	2	2	1	3	1	2	2	4	38
09	9	4	6	4	1	1	2	1	1	4	9	3	45
10	9	1	11	2	1	6	0	3	2	4	6	6	51
11	11	2	11	10	2	4	1	2	0	9	4	3	59
12	5	5	13	7	3	3	0	4	1	7	4	3	55
13	2	4	9	11	2	3	2	2	3	6	5	2	51
14	5	2	6	10	2	2	2	3	1	3	2	5	43
15	3	3	7	12	5	2	1	5	0	2	3	3	46
16	3	3	11	5	3	1	1	3	0	1	3	4	38
17	4	1	4	4	1	1	5	1	0	2	2	3	28
18	4	0	5	4	0	1	1	0	0	0	2	5	22
19	5	0	2	0	1	0	1	1	0	2	2	3	17
20	4	1	4	2	1	0	1	0	0	1	5	3	22
21	4	1	5	4	0	0	0	1	0	0	1	3	19
22	2	0	3	2	0	0	0	0	0	1	1	0	9
23	2	0	2	1	0	0	0	0	0	1	1	0	7
ALL	99	37	131	87	27	27	20	35	12	59	66	71	671

TABLE 30-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	100	*	*	*	*	*	*	100	*	100
01	0	*	*	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	100	*	*	*	*	*	*	*	*	*	100
04	0	100	100	*	*	*	*	0	*	*	*	*	50
05	100	*	67	*	*	100	*	*	*	*	*	100	83
06	*	*	67	*	*	*	*	*	*	*	*	*	67
07	0	33	67	*	*	*	0	*	*	0	*	100	40
08	0	*	67	*	*	*	0	*	*	*	0	100	38
09	33	0	75	*	*	*	100	*	*	*	0	0	45
10	50	0	0	*	*	0	*	0	*	*	*	100	25
11	100	100	100	*	0	0	*	0	*	0	*	*	60
12	100	100	100	0	*	0	*	0	*	*	*	*	43
13	0	100	0	0	*	*	0	*	*	0	50	0	18
14	0	0	50	0	*	*	*	*	*	0	100	*	29
15	*	*	100	100	*	*	*	*	*	*	100	*	100
16	0	100	50	*	*	*	*	*	*	*	50	*	50
17	0	*	0	*	*	*	0	*	*	0	*	0	0
18	*	*	*	*	*	*	*	*	*	*	*	0	0
19	100	*	*	*	*	*	*	*	*	*	*	*	100
20	0	*	0	*	*	*	*	*	*	*	100	*	33
21	0	*	*	*	*	*	*	*	*	*	100	*	50
22	100	*	*	*	*	*	*	*	*	*	100	*	100
23	*	*	*	0	*	*	*	*	*	*	100	*	50
ALL	33	58	63	29	0	25	20	0	*	0	69	50	45

STATION: SEMBACH AB, GE

WMO #: 107120

RUNWAY HEADING: 070-250

TABLE 30-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	0	*	*	*	*	*	*	0	*	0
01	100	*	*	*	*	*	*	*	*	*	*	*	100
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	0	*	*	*	*	*	*	*	*	*	0
04	100	0	0	*	*	*	*	0	*	*	*	*	25
05	0	*	0	*	*	0	*	*	*	*	*	0	0
06	*	*	0	*	*	*	*	*	*	*	*	*	0
07	0	0	0	*	*	*	0	*	*	0	*	0	0
08	0	*	0	*	*	*	0	*	*	*	0	0	0
09	0	0	0	*	*	*	0	*	*	*	0	0	0
10	0	0	0	*	*	0	*	0	*	*	*	0	0
11	0	0	0	*	0	0	*	0	*	0	*	*	0
12	0	0	0	0	*	0	*	0	*	*	*	*	0
13	100	0	0	0	*	*	0	*	*	0	0	100	18
14	0	0	50	0	*	*	*	*	*	0	0	*	14
15	*	*	0	0	*	*	*	*	*	*	0	*	0
16	100	0	0	*	*	*	*	*	*	*	0	*	17
17	100	*	0	*	*	*	0	*	*	0	*	0	20
18	*	*	*	*	*	*	*	*	*	*	*	0	0
19	0	*	*	*	*	*	*	*	*	*	*	*	0
20	0	*	0	*	*	*	*	*	*	*	0	*	0
21	100	*	*	*	*	*	*	*	*	*	0	*	50
22	0	*	*	*	*	*	*	*	*	*	0	*	0
23	*	*	*	0	*	*	*	*	*	*	0	*	0
ALL	29	0	3	0	0	0	0	0	*	0	0	13	7

TABLE 30-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	0	*	*	*	*	*	*	0	*	0
01	100	*	*	*	*	*	*	*	*	*	*	*	100
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	0	*	*	*	*	*	*	*	*	*	0
04	100	0	0	*	*	*	*	0	*	*	*	*	25
05	0	*	0	*	*	0	*	*	*	*	*	0	0
06	*	*	0	*	*	*	*	*	*	*	*	*	0
07	0	0	0	*	*	*	0	*	*	0	*	0	0
08	0	*	0	*	*	*	0	*	*	*	0	0	0
09	33	0	0	*	*	*	0	*	*	*	0	0	9
10	0	0	0	*	*	0	*	0	*	*	*	0	0
11	0	0	0	*	0	0	*	0	*	0	*	*	0
12	0	0	0	0	*	0	*	0	*	*	*	*	0
13	100	0	0	0	*	*	0	*	*	0	0	100	18
14	0	0	0	0	*	*	*	*	*	0	0	*	0
15	*	*	0	0	*	*	*	*	*	*	0	*	0
16	0	0	0	*	*	*	*	*	*	*	50	*	17
17	0	*	0	*	*	*	0	*	*	0	*	0	0
18	*	*	*	*	*	*	*	*	*	*	*	0	0
19	0	*	*	*	*	*	*	*	*	*	*	*	0
20	0	*	0	*	*	*	*	*	*	*	*	*	0
21	0	*	*	*	*	*	*	*	*	*	0	*	0
22	0	*	*	*	*	*	*	*	*	*	0	*	0
23	*	*	*	100	*	*	*	*	*	*	0	*	50
ALL	19	0	0	14	0	0	0	0	*	0	8	13	6

STATION: SEMBACH AB, GE WMO #: 107120 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 30-11 THRU 30-13:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	1	0	0	0	0	0	0	1	0	2
01	1	0	0	0	0	0	0	0	0	0	0	0	1
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	1	0	0	0	0	0	0	0	0	0	1
04	1	1	1	0	0	0	0	1	0	0	0	0	4
05	1	0	3	0	0	1	0	0	0	0	0	1	6
06	0	0	3	0	0	0	0	0	0	0	0	0	3
07	1	3	3	0	0	0	1	0	0	1	0	1	10
08	2	0	3	0	0	0	1	0	0	0	1	1	8
09	3	1	4	0	0	0	1	0	0	0	1	1	11
10	2	1	2	0	0	1	0	1	0	0	0	1	8
11	1	2	3	0	1	1	0	1	0	1	0	0	10
12	1	1	1	2	0	1	0	1	0	0	0	0	7
13	1	1	1	1	0	0	1	0	0	3	2	1	11
14	1	1	2	1	0	0	0	0	0	1	1	0	7
15	0	0	1	1	0	0	0	0	0	0	1	0	3
16	1	1	2	0	0	0	0	0	0	0	2	0	6
17	1	0	1	0	0	0	1	0	0	1	0	1	5
18	0	0	0	0	0	0	0	0	0	0	0	1	1
19	1	0	0	0	0	0	0	0	0	0	0	0	1
20	1	0	1	0	0	0	0	0	0	0	0	0	2
21	1	0	0	0	0	0	0	0	0	0	1	0	2
22	1	0	0	0	0	0	0	0	0	0	1	0	2
23	0	0	0	1	0	0	0	0	0	0	1	0	2
ALL	21	12	32	7	1	4	5	4	0	7	12	8	113

TABLE 30-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	100	*	100
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	100	*	*	*	*	*	*	*	*	*	*	100
05	*	*	*	*	*	100	*	*	*	*	*	*	100
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	50	*	*	*	*	*	*	*	*	*	*	50
08	*	*	50	*	*	*	*	*	*	*	*	*	50
09	*	*	*	*	*	*	*	*	*	*	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	0	*	*	*	*	0
12	*	*	*	*	*	*	*	0	*	*	*	*	0
13	0	*	*	0	*	*	0	*	*	0	0	*	0
14	*	*	100	*	*	*	*	*	*	*	100	*	100
15	*	*	100	*	*	*	*	*	*	*	100	*	100
16	0	*	100	*	*	*	*	*	*	*	*	*	50
17	*	*	*	*	*	*	*	*	*	*	*	0	0
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	100	*	100
21	*	*	*	*	*	*	*	*	*	*	100	*	100
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	100	*	100
ALL	0	67	80	0	*	100	0	0	*	0	86	0	52

STATION: SEMBACH AB, GE

WMO #: 107120

RUNWAY HEADING: 070-250

TABLE 30-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	0	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	0	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	0	*	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	0	*	*	*	*	*	*	*	*	*	*	0
08	*	*	0	*	*	*	*	*	*	*	*	*	0
09	*	*	*	*	*	*	*	*	*	*	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	0	*	*	*	*	0
12	*	*	*	*	*	*	*	0	*	*	*	*	0
13	100	*	*	0	*	*	0	*	*	0	0	*	20
14	*	*	0	*	*	*	*	*	*	*	0	*	0
15	*	*	0	*	*	*	*	*	*	*	0	*	0
16	100	*	0	*	*	*	*	*	*	*	*	*	50
17	*	*	*	*	*	*	*	*	*	*	*	0	0
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	0	*	0
21	*	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	100	0	0	0	*	0	0	0	*	0	0	0	8

TABLE 30-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	0	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	0	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	0	*	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	0	*	*	*	*	*	*	*	*	*	*	0
08	*	*	0	*	*	*	*	*	*	*	*	*	0
09	*	*	*	*	*	*	*	*	*	*	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	0	*	*	*	*	0
12	*	*	*	*	*	*	*	0	*	*	*	*	0
13	100	*	*	0	*	*	0	*	*	0	0	*	20
14	*	*	0	*	*	*	*	*	*	*	0	*	0
15	*	*	0	*	*	*	*	*	*	*	0	*	0
16	0	*	0	*	*	*	*	*	*	*	*	*	0
17	*	*	*	*	*	*	*	*	*	*	*	0	0
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	0	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	50	0	0	0	*	0	0	0	*	0	0	0	4

STATION: SEMBACH AB, GE WMO #: 107120 RUNWAY HEADING: 070-250

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 30-14 THRU 30-16.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	1	0	1
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	1	0	0	0	0	0	0	0	0	0	0	1
05	0	0	0	0	0	1	0	0	0	0	0	0	1
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	2	0	0	0	0	0	0	0	0	0	0	2
08	0	0	2	0	0	0	0	0	0	0	0	0	2
09	0	0	0	0	0	0	0	0	0	0	0	1	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	0	0	0	0	1
12	0	0	0	0	0	0	0	1	0	0	0	0	1
13	1	0	0	1	0	0	1	0	0	1	1	0	5
14	0	0	1	0	0	0	0	0	0	0	1	0	2
15	0	0	1	0	0	0	0	0	0	0	1	0	2
16	1	0	1	0	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	1	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	1	0	1
ALL	2	3	5	1	0	1	1	2	0	1	6	2	24

STATION: SOUDA (KHANIA), GR

WMO #: 167460 RUNWAY HEADING: 110-290

TABLE 31-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	11	11	9	3	0	1	1	0	2	3	8	9	5
03	11	12	10	2	1	2	1	0	2	5	7	9	5
06	11	12	10	3	2	3	3	4	5	5	10	9	6
09	12	16	13	4	6	5	11	10	9	12	12	11	10
12	13	17	12	6	5	9	15	13	12	10	8	11	11
15	9	14	10	4	3	5	7	5	4	6	7	12	7
18	9	13	7	2	1	1	1	0	1	5	6	9	4
21	10	12	7	3	1	1	1	0	1	4	5	11	5
ALL	11	13	10	3	2	3	5	4	5	6	8	10	7

TABLE 31-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	6	4	1	0	0	0	0	1	1	4	3	2
03	5	5	4	1	0	1	0	0	1	2	4	4	2
06	5	7	5	1	0	0	0	0	1	1	4	4	2
09	5	8	5	1	1	1	1	1	1	1	4	4	3
12	6	7	4	1	1	1	1	2	2	3	3	4	3
15	5	6	3	1	0	0	1	1	1	2	4	5	2
18	3	4	3	1	0	0	0	0	0	2	4	4	2
21	4	4	3	1	0	0	0	0	0	1	2	3	2
ALL	5	6	4	1	0	0	0	0	1	2	4	4	2

TABLE 31-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	2	2	0	0	0	0	0	0	0	2	1	1
03	3	1	2	0	0	0	0	0	0	0	2	1	1
06	3	2	2	1	0	0	0	0	0	0	2	1	1
09	2	3	2	1	0	0	0	1	0	0	2	2	1
12	1	3	0	0	0	0	0	0	0	1	0	1	1
15	2	2	1	1	0	0	0	0	0	0	1	2	1
18	2	2	1	0	0	0	0	0	0	0	2	1	1
21	1	1	1	0	0	0	0	0	0	0	0	2	1
ALL	2	2	1	0	0	0	0	0	0	0	2	2	1

TABLE 31-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	1	0	0	0	0	0	0	0	1	0	0
03	0	1	1	0	0	0	0	0	0	0	0	0	0
06	1	1	1	0	0	0	0	0	0	0	1	1	0
09	1	1	1	0	0	0	0	0	0	0	1	0	0
12	0	1	0	0	0	0	0	0	0	0	0	1	0
15	0	1	1	0	0	0	0	0	0	0	1	1	0
18	1	2	1	0	0	0	0	0	0	0	1	1	0
21	1	1	0	0	0	0	0	0	0	0	0	0	0
ALL	1	1	1	0	0	0	0	0	0	0	1	1	0

STATION: SOUDA (KHANIA), GR

WMO #: 167460 RUNWAY HEADING: 110-290

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 31-1 THRU 31-4:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	428	390	459	419	434	435	488	484	462	471	450	454	5374
03	428	385	467	427	452	443	486	532	505	539	491	492	5647
06	438	412	476	452	473	460	507	542	503	541	507	490	5801
09	444	369	475	440	459	446	498	528	479	543	473	481	5635
12	409	397	460	437	447	443	482	504	468	521	463	470	5501
15	430	395	467	442	451	437	478	506	480	546	487	478	5597
18	428	395	473	434	455	446	489	499	490	538	483	474	5604
21	413	366	471	413	433	425	468	486	449	488	443	462	5317
ALL	3418	3109	3748	3464	3604	3535	3896	4081	3836	4187	3797	3801	44476

TABLE 31-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	38	26	13	0	0	33	0	*	14	9	24	31	24
03	44	31	22	11	0	0	0	0	0	7	11	26	24
06	35	19	32	14	0	0	0	0	0	13	9	38	21
09	30	29	21	8	0	0	0	0	10	11	3	32	14
12	16	22	21	9	0	3	0	0	0	13	12	25	10
15	33	26	15	8	0	0	0	0	7	21	14	26	16
18	33	31	28	40	0	0	0	0	14	7	44	30	28
21	21	27	20	25	0	0	0	0	0	13	8	26	19
ALL	31	26	22	11	0	3	0	0	5	12	14	29	18

TABLE 31-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	*	0	0	0	0	0
03	0	3	0	0	0	0	0	0	0	0	0	0	1
06	0	3	0	0	0	0	0	0	0	0	0	0	0
09	0	7	0	0	0	0	0	0	0	0	0	0	1
12	0	2	0	0	0	0	0	0	0	0	0	0	0
15	4	5	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	3	0	0	0	0	0	0	0	0	0	0	0

TABLE 31-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	*	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: SOUDA (KHANIA), GR

WMO #: 167460 RUNWAY HEADING: 110-290

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 31-5 THRU 31-7:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	42	41	38	13	2	4	3	0	8	16	33	40	240
03	43	43	41	10	3	7	3	2	10	27	35	45	269
06	47	43	42	13	9	12	17	18	25	24	53	41	344
09	52	52	56	16	26	23	53	53	44	62	56	50	543
12	51	63	50	26	24	42	70	64	58	53	37	45	583
15	37	51	42	16	13	20	35	23	19	32	34	54	376
18	37	49	28	6	6	5	3	2	7	25	31	40	239
21	37	40	32	9	5	3	4	2	6	21	23	47	229
ALL	346	382	329	109	88	116	188	164	177	260	302	362	2823

TABLE 31-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	44	21	20	0	*	0	0	*	0	33	29	33	26
03	56	40	50	0	0	0	*	*	0	0	20	41	35
06	47	17	31	25	*	*	0	*	0	50	0	50	29
09	35	29	33	33	0	0	0	0	0	20	0	50	24
12	15	16	23	0	0	0	0	0	0	25	13	33	16
15	38	29	57	25	0	*	0	0	0	33	27	41	31
18	55	46	50	67	0	*	*	*	0	13	44	40	41
21	36	25	31	0	0	*	*	*	0	25	0	33	27
ALL	39	27	34	19	0	0	0	0	0	23	18	40	28

TABLE 31-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	0	0	*	0	0	0	0	0
03	0	7	0	0	0	0	*	*	0	0	0	0	1
06	0	0	0	0	*	*	0	*	0	0	0	0	0
09	0	8	0	0	0	0	0	0	0	0	0	0	2
12	0	5	0	0	0	0	0	0	0	0	0	0	1
15	8	12	0	0	0	*	0	0	0	0	0	0	3
18	0	0	0	0	0	*	*	*	0	0	0	0	0
21	0	0	0	0	0	*	*	*	0	0	0	0	0
ALL	1	4	0	0	0	0	0	0	0	0	0	0	1

TABLE 31-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	0	0	*	0	0	0	0	0
03	0	0	0	0	0	0	*	*	0	0	0	0	0
06	0	0	0	0	*	0	0	*	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	*	0	0	0	0	0	0	0
18	0	0	0	0	0	*	*	*	0	0	0	0	0
21	0	0	0	0	0	*	*	*	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: SOUDA (KHANIA), GR

WMO #: 167460 RUNWAY HEADING: 110-290

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 31-8 THRU 31-10:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	17	24	16	4	0	2	1	0	3	4	15	12	98
03	21	20	15	3	2	3	0	0	3	9	20	21	117
06	18	22	24	3	0	1	1	0	4	3	21	18	115
09	21	28	20	4	3	5	7	5	6	8	20	18	145
12	24	27	18	3	3	3	4	8	8	15	12	19	144
15	19	23	11	4	2	0	6	4	3	10	18	21	121
18	14	17	10	3	2	0	0	0	1	10	17	20	94
21	14	15	16	3	1	0	0	0	2	7	9	14	81
ALL	148	176	130	27	13	14	19	17	30	66	132	143	915

TABLE 31-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	20	0	0	*	0	0	*	*	*	33	40	31
03	64	33	50	0	0	0	*	*	0	0	0	50	38
06	50	20	50	33	*	*	*	*	*	*	0	29	32
09	40	17	67	33	0	*	0	0	0	0	0	29	28
12	40	0	0	0	*	*	0	0	0	0	0	33	15
15	25	0	50	33	*	*	0	0	0	0	100	56	32
18	56	60	100	50	*	*	*	*	*	*	67	43	57
21	50	67	50	0	*	*	*	*	*	*	0	57	50
ALL	48	23	50	27	0	0	0	0	0	0	19	42	35

TABLE 31-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	0	0	*	*	*	0	0	0
03	0	0	0	0	0	0	*	*	0	0	0	0	0
06	0	0	0	0	*	*	*	*	*	*	0	0	0
09	0	17	0	0	0	*	0	0	0	0	0	0	2
12	0	13	0	0	*	*	0	0	0	0	0	0	4
15	13	25	0	0	*	*	0	0	0	0	0	0	6
18	0	0	0	0	*	*	*	*	*	*	0	0	0
21	0	0	0	0	*	*	*	*	*	*	0	0	0
ALL	1	8	0	0	0	0	0	0	0	0	0	0	2

TABLE 31-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	0	0	*	*	0	0	0	0
03	0	0	0	0	0	0	*	*	0	0	0	0	0
06	0	0	0	0	*	*	*	*	*	*	0	0	0
09	0	0	0	0	0	*	0	0	0	0	0	0	0
12	0	0	0	0	*	*	0	0	0	0	0	0	0
15	0	0	0	0	*	*	0	0	0	0	0	0	0
18	0	0	0	0	*	*	*	*	*	0	0	0	0
21	0	0	0	0	*	*	*	*	*	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: SOUDA (KHANIA), GR

WMO #: 167460 RUNWAY HEADING: 110-290

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 31-11 THRU 31-13:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	10	6	7	1	0	1	1	0	0	1	10	5	42
03	12	4	7	1	1	1	0	0	1	1	10	4	42
06	10	7	9	2	0	0	0	0	0	0	11	7	46
09	11	8	7	3	2	0	1	3	1	2	8	10	56
12	5	12	2	1	0	0	1	2	1	3	2	7	36
15	8	7	4	3	0	0	1	1	2	1	6	10	43
18	9	8	5	2	0	0	0	0	0	2	8	7	41
21	6	4	6	1	0	0	0	0	0	1	1	7	26
ALL	71	56	47	14	3	2	4	6	5	11	56	57	332

TABLE 31-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	67	50	0	*	*	0	0	*	*	*	0	50	31
03	100	0	67	*	0	0	*	*	*	0	0	50	42
06	50	0	67	0	*	*	*	*	*	*	0	50	33
09	60	33	67	*	0	*	*	0	*	0	0	100	39
12	*	0	*	*	*	*	0	*	*	*	*	25	14
15	0	*	100	0	*	*	*	0	0	0	100	40	31
18	50	33	100	*	*	*	*	*	*	*	100	25	46
21	67	50	0	0	*	*	*	*	*	*	*	50	44
ALL	57	25	57	0	0	0	0	0	0	0	20	42	36

TABLE 31-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	0	0	*	*	*	0	0	0
03	0	0	0	*	0	0	*	*	*	0	0	0	0
06	0	0	0	0	*	*	*	*	*	*	0	0	0
09	0	33	0	*	0	*	*	0	*	0	0	0	6
12	*	0	*	*	*	*	0	*	*	*	*	0	0
15	0	*	0	0	*	*	*	0	0	0	0	0	0
18	0	0	0	*	*	*	*	*	*	*	0	0	0
21	0	0	0	0	*	*	*	*	*	*	*	0	0
ALL	0	6	0	0	0	0	0	0	0	0	0	0	1

TABLE 31-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	0	0	*	*	*	0	0	0
03	0	0	0	*	0	0	*	*	*	0	0	0	0
06	0	0	0	*	*	*	*	*	*	*	0	0	0
09	0	0	0	*	0	*	*	0	*	0	0	0	0
12	*	0	*	*	*	*	0	*	*	0	0	0	0
15	0	0	0	0	*	*	*	0	0	0	0	0	0
18	0	0	0	*	*	*	*	*	*	*	0	0	0
21	0	0	0	0	*	*	*	*	*	*	*	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: SOUDA (KHANIA), GR

WMO #: 167460 RUNWAY HEADING: 110-290

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 31-14 THRU 31-16:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	2	3	0	0	1	1	0	0	0	4	2	16
03	2	2	5	0	1	1	0	0	0	1	2	2	16
06	2	4	3	0	0	0	0	0	0	0	7	4	20
09	5	3	3	0	1	0	0	2	0	1	4	1	20
12	0	4	0	0	0	0	1	0	0	1	1	5	12
15	2	2	1	1	0	0	0	1	2	1	3	5	18
18	4	6	3	0	0	0	0	0	0	0	3	4	20
21	3	3	2	1	0	0	0	0	0	0	0	2	11
ALL	21	26	20	2	2	2	2	3	2	4	24	25	133

STATION: SPANGDAHLEH AB, FRG

WMO #: 106070

RUNWAY HEADING: 050-230

TABLE 32-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	3	1	1	0	1	0	0	1	1	3	1	1
01	4	2	2	1	0	1	1	0	1	1	4	2	2
02	3	2	1	1	0	0	0	0	0	2	4	3	1
03	4	2	2	2	1	0	0	0	1	1	3	2	2
04	4	2	1	1	0	1	0	0	1	1	3	1	1
05	4	3	1	1	0	1	1	1	1	1	2	3	1
06	3	3	2	1	1	0	0	0	1	1	3	3	2
07	3	4	3	2	1	0	0	0	1	1	3	2	2
08	3	5	3	2	2	1	1	1	1	1	2	2	2
09	5	4	4	5	5	1	1	1	1	2	2	3	3
10	4	5	4	6	5	2	2	3	2	3	4	3	4
11	5	8	6	6	5	2	2	2	1	2	3	3	4
12	7	7	4	7	5	3	1	3	2	3	4	2	4
13	7	7	3	7	6	4	4	2	3	3	5	4	5
14	4	7	4	10	6	3	2	2	2	3	5	4	4
15	6	6	5	8	6	3	2	4	4	1	4	2	4
16	5	4	3	7	5	3	3	3	3	2	3	3	4
17	5	3	2	6	3	1	2	3	2	1	2	4	3
18	6	3	1	3	2	2	1	1	1	1	2	3	2
19	5	4	0	2	1	1	1	1	0	0	3	3	2
20	5	3	1	1	1	0	1	0	1	1	2	3	2
21	5	3	1	2	0	0	0	0	0	1	3	3	2
22	5	3	2	2	0	0	0	0	0	1	2	3	1
23	5	2	2	2	0	0	0	0	0	2	3	3	2
ALL	5	4	3	4	2	1	1	1	1	2	3	3	2

TABLE 32-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	0	0	0	0	0	1	1	0
01	2	1	0	0	0	0	0	0	0	0	2	1	0
02	1	0	0	0	0	0	0	0	0	0	1	1	0
03	1	1	1	0	0	0	0	0	1	0	1	1	0
04	1	1	0	0	0	0	0	0	1	0	2	0	0
05	3	1	0	0	0	0	0	0	0	0	1	0	0
06	1	1	1	0	0	0	0	0	0	0	1	0	0
07	1	1	1	1	0	0	0	0	0	0	1	1	0
08	1	1	1	1	0	0	0	0	0	0	1	1	0
09	1	2	1	1	0	0	0	0	0	0	1	1	1
10	1	1	2	2	1	0	1	0	1	0	1	1	1
11	0	2	1	2	2	0	1	1	0	0	0	1	1
12	1	2	1	2	1	0	0	1	0	0	1	0	1
13	3	2	1	2	1	0	0	1	1	1	1	1	1
14	1	1	1	4	1	1	0	1	1	0	2	2	1
15	3	2	1	4	1	0	0	0	1	0	1	1	1
16	2	1	0	2	1	0	0	1	0	0	2	1	1
17	2	1	1	2	0	0	1	1	1	0	1	1	1
18	2	1	0	2	0	0	0	0	0	0	1	1	1
19	3	1	0	1	0	0	1	0	0	0	1	1	1
20	2	1	1	0	0	0	1	0	0	0	1	0	1
21	3	1	0	0	0	0	0	0	0	0	1	1	0
22	2	1	0	1	0	0	0	0	0	0	0	1	0
23	2	1	0	1	0	0	0	0	0	0	2	1	0
ALL	2	1	1	1	0	0	0	0	0	0	1	1	1

STATION: SPANGDAHLEM AB, FRG

WMO #: 106070

RUNWAY HEADING: 050-230

TABLE 32-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	1	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	1	0
03	0	0	0	0	0	0	0	0	1	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	1	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	1	0	1	0	0	0	0	0	0	1	0	0
13	1	1	0	1	0	0	0	0	0	0	0	0	0
14	0	0	0	1	0	0	0	0	0	0	1	1	0
15	1	1	0	1	0	0	0	0	0	0	0	0	0
16	1	0	0	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0	0	0	0	1	0
18	0	0	0	0	0	0	0	0	0	0	0	1	0
19	0	1	0	0	0	0	0	0	0	0	0	1	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 32-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	1	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: SPANGDAHLEH AB, FRG WMO #: 106070 RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 32-1 THRU 32-4

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	430	395	403	390	403	390	373	372	360	395	384	391	4686
01	430	395	403	390	403	390	373	372	360	395	384	390	4685
02	430	395	403	390	403	390	373	372	360	395	384	390	4685
03	431	395	403	390	403	390	373	372	362	395	384	392	4690
04	432	395	403	390	403	390	373	372	363	399	384	393	4697
05	432	395	403	390	403	390	379	372	363	399	384	393	4703
06	432	395	403	390	403	390	379	372	365	403	384	393	4709
07	432	395	403	390	403	390	379	372	365	403	388	398	4718
08	432	395	403	390	403	390	379	372	365	403	388	398	4718
09	432	395	403	390	403	390	379	372	365	403	388	398	4718
10	432	395	403	390	403	390	379	372	365	403	388	398	4718
11	432	395	403	390	403	390	379	372	365	403	388	398	4718
12	432	395	403	390	403	390	379	372	365	403	388	398	4718
13	432	395	403	390	403	390	379	372	365	403	388	398	4718
14	432	395	403	390	403	390	379	372	365	403	388	398	4718
15	432	395	403	390	403	390	379	372	365	403	388	398	4718
16	431	395	403	390	403	390	379	372	362	403	388	392	4708
17	430	395	403	390	403	390	379	372	360	403	384	386	4695
18	430	395	403	390	403	390	378	372	360	403	383	386	4693
19	430	395	403	390	403	390	378	372	360	403	383	386	4693
20	430	395	403	390	403	390	378	372	360	403	383	386	4693
21	430	395	403	390	403	390	378	372	360	403	383	386	4693
22	430	395	403	390	403	390	372	372	360	401	383	386	4685
23	431	395	403	390	403	390	372	372	360	396	382	384	4678
		9480		9360		9360		8929		9623		9416	
ALL	10347		9672		9672		9048		8700		9249		112855

TABLE 32-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	10	20	50	25	100	0	*	*	0	67	45	60	30
01	18	33	38	0	*	0	50	*	0	75	24	44	29
02	29	11	40	0	50	100	*	*	0	50	36	42	33
03	21	0	43	50	33	100	*	100	100	50	15	63	34
04	29	22	60	100	0	100	*	0	40	67	50	67	43
05	33	10	33	0	0	0	50	50	50	40	56	20	30
06	13	0	40	20	0	0	*	*	0	80	50	45	29
07	27	0	8	0	20	*	0	0	50	25	40	33	18
08	15	11	8	0	0	50	33	0	50	33	57	71	21
09	29	12	13	11	0	0	0	0	0	0	38	40	15
10	37	11	0	13	0	29	0	10	25	21	29	38	17
11	29	13	0	13	20	38	0	29	0	13	36	36	18
12	17	7	13	15	15	9	0	10	25	25	35	38	17
13	17	12	21	25	8	7	20	11	0	9	37	7	16
14	21	8	24	18	24	10	33	0	14	8	29	29	19
15	25	16	9	18	13	17	14	14	23	33	18	14	17
16	22	6	25	21	14	15	8	8	36	44	33	33	20
17	35	8	43	16	9	0	29	9	63	75	50	40	28
18	29	8	33	23	43	38	0	0	33	25	29	31	25
19	36	6	100	33	0	0	60	50	0	0	31	31	28
20	41	18	67	33	20	0	40	100	100	25	44	20	37
21	25	20	33	29	0	*	0	*	100	0	27	18	23
22	29	10	56	17	0	*	0	*	0	33	50	20	28
23	24	33	44	17	100	*	*	*	0	33	46	45	35
ALL	25	11	23	18	14	19	18	13	28	30	36	35	23

STATION: SPANGDAHLEH AB, FRG

WMO #: 106070

RUNWAY HEADING: 050-230

TABLE 32-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	10	0	25	0	0	*	*	0	0	0	20	11
01	29	11	0	0	*	0	0	*	0	0	6	22	12
02	14	0	0	0	0	0	*	*	0	0	7	8	6
03	16	33	0	0	0	0	*	0	0	0	8	13	11
04	18	22	0	0	0	0	*	0	0	0	0	0	9
05	0	20	0	50	0	0	0	0	0	0	0	20	7
06	0	18	20	20	0	0	*	*	0	0	10	0	8
07	7	6	23	0	0	*	0	0	0	0	10	11	8
08	8	6	15	25	0	0	0	0	0	0	0	0	7
09	14	6	13	11	5	0	0	0	0	0	0	20	9
10	5	0	7	21	0	0	0	0	0	0	0	23	6
11	10	6	8	17	5	0	0	0	0	0	0	27	8
12	10	10	13	7	0	0	0	0	0	0	0	13	6
13	13	8	7	7	0	0	0	0	0	0	5	36	7
14	16	4	6	10	4	0	0	0	0	0	10	7	6
15	25	16	5	0	0	0	0	0	0	0	12	14	7
16	13	12	8	3	0	0	0	0	0	0	8	25	6
17	15	23	0	0	0	0	0	0	0	0	13	20	7
18	8	8	0	8	0	0	0	0	0	0	14	8	6
19	14	6	0	0	0	0	0	0	0	0	0	23	8
20	18	9	0	0	0	0	0	0	0	0	0	50	13
21	15	20	0	0	0	*	0	*	0	0	18	9	11
22	10	20	11	0	0	*	0	*	0	0	17	10	10
23	29	0	11	0	0	*	*	*	0	0	0	9	11
ALL	14	10	8	8	1	0	0	0	0	0	6	17	8

TABLE 32-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	60	0	0	0	0	*	*	0	0	0	0	16
01	12	56	0	0	*	0	0	*	0	0	6	11	12
02	7	44	0	0	0	0	*	*	0	0	14	8	12
03	11	44	0	0	0	0	*	0	0	0	8	0	9
04	12	22	0	0	0	0	*	0	0	0	0	0	7
05	0	40	0	50	0	0	0	0	0	0	0	30	12
06	7	64	20	0	0	0	*	*	0	0	0	0	14
07	20	56	23	0	0	*	0	0	0	0	0	11	19
08	23	56	31	13	0	0	0	0	0	0	0	14	22
09	19	41	13	6	0	0	0	0	0	0	13	0	12
10	11	53	0	4	0	0	0	0	0	0	7	15	10
11	19	42	4	0	0	0	0	0	0	0	0	0	10
12	21	38	0	0	0	0	0	0	0	0	6	0	9
13	10	35	0	0	0	0	0	0	0	0	0	0	6
14	11	31	0	0	0	0	0	0	0	0	0	0	5
15	25	36	0	0	0	0	0	0	0	0	6	14	8
16	22	29	8	0	0	0	0	0	0	0	17	8	8
17	25	46	0	0	0	0	0	0	0	0	13	13	10
18	21	46	0	0	0	0	0	0	0	0	14	8	12
19	9	31	0	0	0	0	0	0	0	0	0	8	9
20	14	9	17	0	0	0	0	0	0	0	0	0	6
21	20	50	0	0	0	*	0	*	0	0	27	0	17
22	14	50	11	0	0	*	0	*	0	0	17	10	16
23	14	67	11	0	0	*	*	*	0	0	8	0	12
ALL	15	42	6	1	0	0	0	0	0	0	6	7	10

STATION: SPANGDAHLEM AB, FRG

WMO #: 106070

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 32-5 THRU 32-7

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	20	10	6	4	1	2	0	0	2	3	11	5	64
01	17	9	8	3	0	2	2	0	2	4	17	9	73
02	14	9	5	2	2	1	0	0	1	6	14	12	66
03	19	9	7	6	3	1	0	1	3	4	13	8	74
04	17	9	5	2	1	2	0	1	5	3	10	3	58
05	18	10	6	2	1	2	2	2	2	5	9	10	69
06	15	11	10	5	3	1	0	0	2	5	10	11	73
07	15	16	13	7	5	0	1	1	2	4	10	9	83
08	13	18	13	8	9	2	3	2	2	3	7	7	87
09	21	17	16	18	19	2	2	5	3	8	8	10	129
10	19	19	15	24	19	7	6	10	8	14	14	13	168
11	21	31	24	24	20	8	8	7	3	8	11	11	176
12	29	29	16	27	20	11	4	10	8	12	17	8	191
13	30	26	14	28	24	14	15	9	12	11	19	14	216
14	19	26	17	39	25	10	6	7	7	12	21	14	203
15	24	25	22	33	23	12	7	14	13	6	17	7	202
16	23	17	12	29	22	13	13	13	11	9	12	12	186
17	20	13	7	25	11	5	7	11	8	4	8	15	134
18	24	13	6	13	7	8	4	4	3	4	7	13	106
19	22	16	1	9	4	2	5	2	1	2	13	13	90
20	22	11	6	3	5	1	5	1	2	4	9	10	79
21	20	10	3	7	2	0	1	0	1	5	11	11	71
22	21	10	9	6	1	0	1	0	1	3	6	10	68
23	21	6	9	6	1	0	0	0	1	6	13	11	74
ALL	484	370	250	330	228	106	92	100	103	145	287	246	2741

TABLE 32-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	0	*	*	*	*	*	100	50	67	31
01	0	33	0	0	*	*	*	*	*	0	17	50	14
02	0	0	100	*	*	*	*	*	*	*	0	100	27
03	33	0	33	0	*	*	*	*	100	*	25	100	38
04	50	0	100	*	*	100	*	*	67	100	33	0	45
05	27	33	0	*	*	*	100	*	*	100	50	0	35
06	33	0	33	*	0	*	*	*	0	*	75	*	33
07	0	0	0	0	0	*	*	*	*	0	50	50	11
08	20	25	0	0	0	*	*	*	*	0	50	100	26
09	50	17	25	50	0	*	*	0	*	0	50	100	38
10	0	25	0	0	0	*	0	0	0	0	60	50	14
11	0	11	0	33	22	0	0	50	0	0	0	50	19
12	17	13	20	22	0	100	*	33	*	50	25	100	23
13	25	33	0	0	17	0	0	33	0	20	0	0	14
14	33	40	0	27	20	33	0	0	0	0	67	33	28
15	33	14	0	29	25	*	0	0	33	100	50	0	25
16	33	0	0	13	0	*	100	0	0	50	43	33	24
17	50	0	75	17	*	0	50	50	67	100	50	60	44
18	25	0	0	43	50	100	*	*	0	*	67	50	38
19	31	0	*	50	*	*	100	*	*	0	50	40	35
20	40	25	75	*	*	*	100	*	*	*	60	0	50
21	36	0	100	0	*	*	*	*	*	0	100	0	35
22	20	0	100	50	*	*	*	*	*	0	100	33	30
23	25	50	100	50	*	*	*	*	*	*	50	100	48
ALL	27	15	24	23	14	44	44	22	30	29	46	46	29

STATION: SPANGDAHLEM AB, FRG

WMO #: 106070

RUNWAY HEADING: 050-230

TABLE 32-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	*	*	100	*	*	*	*	*	0	0	0	23
01	43	33	0	0	*	*	*	*	*	0	0	0	18
02	0	0	0	*	*	*	*	*	*	*	0	0	0
03	0	67	0	0	*	*	*	*	0	*	0	0	10
04	0	0	0	*	*	0	*	*	0	0	0	0	0
05	0	0	0	*	*	*	0	*	*	0	0	100	5
06	0	33	33	*	0	*	*	*	0	*	0	*	11
07	0	0	75	0	0	*	*	*	*	0	0	0	17
08	0	0	50	33	0	*	*	*	*	0	0	0	13
09	0	0	0	25	0	*	*	0	*	0	0	0	3
10	0	0	14	29	0	*	0	0	0	0	0	0	7
11	0	11	33	33	0	0	0	0	0	0	0	25	12
12	0	05	0	11	0	0	*	0	*	0	0	0	7
13	17	17	0	11	0	0	0	0	0	0	25	40	12
14	17	0	0	13	20	0	0	0	0	0	0	17	9
15	25	29	20	0	0	*	0	0	0	0	0	25	13
16	11	50	0	13	0	*	0	0	0	0	14	33	15
17	13	40	0	0	*	0	0	0	0	0	0	20	10
18	13	50	0	14	0	0	*	*	0	*	0	25	14
19	15	20	*	0	*	*	0	*	*	0	0	20	12
20	20	25	0	*	*	*	0	*	*	*	0	100	15
21	18	33	0	0	*	*	*	*	*	0	0	33	17
22	20	50	0	0	*	*	*	*	*	0	0	33	20
23	25	0	0	0	*	*	*	*	*	*	0	0	10
ALL	13	20	15	13	2	0	0	0	0	0	2	19	11

TABLE 32-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	*	*	0	*	*	*	*	*	0	0	0	15
01	0	67	0	0	*	*	*	*	*	0	0	0	9
02	0	100	0	*	*	*	*	*	*	*	0	0	9
03	17	67	0	0	*	*	*	*	0	*	0	0	14
04	0	33	0	*	*	0	*	*	0	0	0	0	5
05	0	33	0	*	*	*	0	*	*	0	0	100	10
06	0	67	0	*	0	*	*	*	0	*	0	*	11
07	0	33	0	0	0	*	*	*	*	0	0	0	6
08	20	25	0	0	0	*	*	*	*	0	0	0	9
09	0	33	0	0	0	*	*	0	*	0	0	0	6
10	50	25	0	0	0	*	0	0	0	0	0	25	9
11	50	44	0	0	0	0	0	0	0	0	0	0	12
12	17	25	0	0	0	0	*	0	*	0	0	0	7
13	17	50	0	0	0	0	0	0	0	0	0	0	9
14	17	20	0	0	0	0	0	0	0	0	0	0	3
15	17	29	0	0	0	*	0	0	0	0	0	25	9
16	22	25	0	0	0	*	0	0	0	0	29	0	12
17	25	20	0	0	*	0	0	0	0	0	0	0	8
18	25	50	0	0	0	0	*	*	0	*	0	25	14
19	8	40	*	0	*	*	0	*	*	0	0	0	9
20	10	25	0	*	*	*	0	*	*	*	0	0	8
21	18	33	0	0	*	*	*	*	*	0	0	0	13
22	20	0	0	0	*	*	*	*	*	0	0	0	10
23	25	50	0	0	*	*	*	*	*	*	0	0	14
ALL	15	36	0	0	0	0	0	0	0	0	2	6	9

STATION: SPANGDAHLE AB, FRG

WMO #: 106070

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 32-8 THRU 32-10

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	0	0	1	0	0	0	0	0	1	2	3	13
01	7	3	2	1	0	0	0	0	0	1	6	2	22
02	5	1	1	0	0	0	0	0	0	0	2	2	11
03	6	3	3	1	0	0	0	0	2	0	4	2	21
04	4	3	1	0	0	1	0	0	3	1	6	1	20
05	11	3	1	0	0	0	1	0	0	1	2	1	20
06	6	3	3	0	1	0	0	0	1	0	4	0	18
07	3	3	4	2	1	0	0	0	0	1	2	2	18
08	5	4	4	3	1	0	0	0	0	1	2	3	23
09	6	6	4	4	2	0	0	1	0	2	4	3	32
10	4	4	7	7	4	0	2	1	3	2	5	4	43
11	2	9	3	6	9	1	3	2	1	2	1	4	43
12	6	8	5	9	5	1	0	3	0	2	4	1	44
13	12	6	3	9	6	1	1	3	2	5	4	5	57
14	6	5	3	15	5	3	1	3	3	2	6	6	58
15	12	7	5	14	4	0	1	1	3	1	4	4	56
16	9	4	1	8	3	0	1	2	1	2	7	3	41
17	8	5	4	6	0	1	2	2	3	1	2	5	39
18	8	2	1	7	2	1	0	0	1	0	3	4	29
19	13	5	0	4	0	0	2	0	0	1	4	5	34
20	10	4	4	0	0	0	2	0	0	0	5	1	26
21	11	3	1	1	0	0	0	0	0	1	3	3	23
22	10	2	1	2	0	0	0	0	0	1	1	3	20
23	8	2	1	2	0	0	0	0	0	0	6	2	21
ALL	178	95	62	102	43	9	16	18	23	28	89	69	732

TABLE 32-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	*	*	*	*	*	*	*	100	67
01	*	*	*	*	*	*	*	*	*	*	100	100	100
02	0	*	100	*	*	*	*	*	*	*	0	100	60
03	0	*	*	*	*	*	*	*	100	*	0	*	50
04	100	*	*	*	*	*	*	*	*	*	*	*	100
05	50	100	0	*	*	*	*	*	*	*	*	*	50
06	0	*	33	*	*	*	*	*	*	*	*	*	25
07	0	*	0	*	*	*	*	*	*	*	*	100	20
08	50	*	0	*	0	*	*	*	*	0	*	*	20
09	100	*	100	*	*	*	*	*	*	0	*	*	67
10	0	*	0	*	0	*	*	*	0	0	0	100	14
11	*	0	*	0	*	*	*	*	*	*	*	*	0
12	0	0	0	50	*	*	*	*	*	0	50	*	22
13	33	100	*	0	*	*	*	*	*	0	*	*	38
14	100	100	0	0	0	*	*	*	0	*	50	100	43
15	67	50	*	0	0	*	*	*	*	*	0	*	33
16	33	*	*	0	*	*	*	*	*	*	*	100	33
17	100	0	100	*	*	*	50	*	*	*	*	50	57
18	50	*	*	100	*	*	*	*	*	*	*	50	60
19	0	0	*	100	*	*	100	*	*	*	*	0	29
20	50	*	*	*	*	*	100	*	*	*	*	*	67
21	50	*	*	*	*	*	*	*	*	*	100	*	67
22	0	0	100	100	*	*	*	*	*	*	100	*	50
23	0	*	*	0	*	*	*	*	*	*	100	*	33
ALL	41	38	36	24	0	*	75	*	50	0	50	75	41

STATION: SPANGDAHLEH AB, FRG

WMO #: 106070

RUNWAY HEADING: 050-230

TABLE 32-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	*	*	*	*	*	*	*	*	*	*	0	33
01	*	*	*	*	*	*	*	*	*	*	0	0	0
02	0	*	0	*	*	*	*	*	*	*	0	0	0
03	0	*	*	*	*	*	*	*	0	*	0	*	0
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	0	0	0	*	*	*	*	*	*	*	*	*	0
06	0	*	33	*	*	*	*	*	*	*	*	*	25
07	0	*	50	*	*	*	*	*	*	*	*	0	20
08	0	*	100	*	0	*	*	*	*	0	*	*	20
09	0	*	0	*	*	*	*	*	*	0	*	*	0
10	0	*	100	*	0	*	*	*	0	0	0	0	14
11	*	0	*	100	*	*	*	*	*	*	*	*	50
12	0	100	0	50	*	*	*	*	*	0	0	*	33
13	0	0	*	50	*	*	*	*	*	0	*	*	13
14	0	0	0	0	100	*	*	*	0	*	0	0	7
15	0	50	*	0	0	*	*	*	*	*	0	*	11
16	33	*	*	50	*	*	*	*	*	*	*	0	33
17	0	100	0	*	*	*	0	*	*	*	*	0	14
18	0	*	*	0	*	*	*	*	*	*	*	50	20
19	0	50	*	0	*	*	0	*	*	*	*	50	29
20	0	*	*	*	*	*	0	*	*	*	*	*	0
21	0	*	*	*	*	*	*	*	*	*	0	*	0
22	0	100	0	0	*	*	*	*	*	*	0	*	17
23	0	*	*	0	*	*	*	*	*	*	0	*	0
ALL	5	46	29	24	25	*	0	*	0	0	0	13	15

TABLE 32-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	*	*	*	*	*	*	*	0	0
01	*	*	*	*	*	*	*	*	*	*	0	0	0
02	0	*	0	*	*	*	*	*	*	*	0	0	0
03	0	*	*	*	*	*	*	*	0	*	0	*	0
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	0	0	0	*	*	*	*	*	*	*	*	*	0
06	0	*	0	*	*	*	*	*	*	*	*	*	0
07	0	*	0	*	*	*	*	*	*	*	*	0	0
08	0	*	0	*	0	*	*	*	*	0	*	*	0
09	0	*	0	*	*	*	*	*	*	0	*	*	0
10	0	*	0	*	0	*	*	*	0	0	0	0	0
11	*	100	*	0	*	*	*	*	*	*	*	*	50
12	0	50	0	0	*	*	*	*	*	0	0	*	11
13	0	50	*	0	*	*	*	*	*	0	*	*	13
14	0	0	0	0	0	*	*	*	0	*	0	0	0
15	0	0	*	0	0	*	*	*	*	*	0	*	0
16	67	*	*	0	*	*	*	*	*	*	*	0	33
17	0	100	0	*	*	*	0	*	*	*	*	0	14
18	0	*	*	0	*	*	*	*	*	*	*	50	20
19	0	50	*	0	*	*	0	*	*	*	*	0	14
20	0	*	*	*	*	*	0	*	*	*	*	*	0
21	50	*	*	*	*	*	*	*	*	*	0	*	33
22	0	0	0	0	*	*	*	*	*	*	0	*	0
23	0	*	*	0	*	*	*	*	*	*	0	*	0
ALL	8	38	0	0	0	*	0	*	0	0	0	6	7

STATION: SPANGDAHLEN AB, FRG

WMO #: 106070

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 32-11 THRU 32-13

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	0	0	0	0	0	0	2	3
01	0	0	0	0	0	0	0	0	0	0	1	1	2
02	1	0	1	0	0	0	0	0	0	0	1	2	5
03	1	0	0	0	0	0	0	0	2	0	1	0	4
04	2	0	0	0	0	0	0	0	0	0	0	0	2
05	2	1	1	0	0	0	0	0	0	0	0	0	4
06	1	0	3	0	0	0	0	0	0	0	0	0	4
07	2	0	2	0	0	0	0	0	0	0	0	1	5
08	2	0	1	0	1	0	0	0	0	1	0	0	5
09	1	0	1	0	0	0	0	0	0	1	0	0	3
10	1	0	1	0	1	0	0	0	1	1	1	1	7
11	0	1	0	1	0	0	0	0	0	0	0	0	2
12	1	2	1	2	0	0	0	0	0	1	2	0	9
13	3	2	0	2	0	0	0	0	0	1	0	0	8
14	2	1	1	4	1	0	0	0	1	0	2	2	14
15	3	2	0	2	1	0	0	0	0	0	1	0	9
16	3	0	0	2	0	0	0	0	0	0	0	1	6
17	1	1	1	0	0	0	2	0	0	0	0	2	7
18	2	0	0	1	0	0	0	0	0	0	0	2	5
19	1	2	0	1	0	0	1	0	0	0	0	2	7
20	2	0	0	0	0	0	1	0	0	0	0	0	3
21	2	0	0	0	0	0	0	0	0	0	1	0	3
22	2	1	1	1	0	0	0	0	0	0	1	0	6
23	1	0	0	1	0	0	0	0	0	0	1	0	3
ALL	37	13	14	17	4	0	4	0	4	5	12	16	126

TABLE 32-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	*	*	*	*	*	*	*	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	100	*	*	*	*	*	*	*	*	*	*	*	100
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	0	*	*	*	*	*	*	*	*	*	0
08	50	*	*	*	*	*	*	*	*	*	*	*	50
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	100	100
11	*	*	*	0	*	*	*	*	*	*	*	*	0
12	*	*	*	*	*	*	*	*	*	0	*	*	0
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	100	100
15	*	*	*	0	*	*	*	*	*	*	*	*	0
16	100	*	*	0	*	*	*	*	*	*	*	*	50
17	*	*	100	*	*	*	100	*	*	*	*	*	100
18	*	*	*	*	*	*	*	*	*	*	*	100	100
19	*	*	*	*	*	*	100	*	*	*	*	*	100
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	100	*	100
23	*	*	*	*	*	*	*	*	*	*	100	*	100
ALL	50	*	50	0	*	*	100	*	*	0	100	100	60

STATION: SPANGDAHEM AB, FRG WMO #: 106070 RUNWAY HEADING: 050-230

TABLE 32-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	*	*	*	*	*	*	*	*	*	*	*	100
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	100	*	*	*	*	*	*	*	*	*	100
08	0	*	*	*	*	*	*	*	*	*	*	*	0
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	0	0
11	*	*	*	100	*	*	*	*	*	*	*	*	100
12	*	*	*	*	*	*	*	*	*	0	*	*	0
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	0	0
15	*	*	*	0	*	*	*	*	*	*	*	*	0
16	0	*	*	100	*	*	*	*	*	*	*	*	50
17	*	*	0	*	*	*	0	*	*	*	*	*	0
18	*	*	*	*	*	*	*	*	*	*	*	0	0
19	*	*	*	*	*	*	0	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	17	*	50	67	*	*	0	*	*	0	0	0	20

TABLE 32-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	*	*	*	*	*	*	*	*	0
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	*	*
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	0	*	*	*	*	*	*	*	*	*	*	*	0
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	*	*	*	*	*	*	*	*	*	*	*
07	*	*	0	*	*	*	*	*	*	*	*	*	0
08	0	*	*	*	*	*	*	*	*	*	*	*	0
09	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*	*	0	0
11	*	*	*	0	*	*	*	*	*	*	*	*	0
12	*	*	*	*	*	*	*	*	*	0	*	*	0
13	0	*	*	*	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	*	0	0
15	*	*	*	0	*	*	*	*	*	*	*	*	0
16	100	*	*	0	*	*	*	*	*	*	*	*	50
17	*	*	0	*	*	*	0	*	*	*	*	*	0
18	*	*	*	*	*	*	*	*	*	*	*	0	0
19	*	*	*	*	*	*	0	*	*	*	*	*	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	0	*	0
ALL	17	*	0	0	*	*	0	*	*	0	0	0	5

STATION: SPANGDAHLEM AB, FRG

WMO #: 106070

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 32-14 THRU 32-16

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	0	0	0	0	0	0	0	1
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1	0	0	0	0	0	0	0	0	0	0	0	1
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	1	0	0	0	0	0	0	0	0	0	1
08	2	0	0	0	0	0	0	0	0	0	0	0	2
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	1	1
11	0	0	0	1	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	1	0	0	1
13	1	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	2	2
15	0	0	0	1	0	0	0	0	0	0	0	0	1
16	1	0	0	1	0	0	0	0	0	0	0	0	2
17	0	0	1	0	0	0	1	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	1	1
19	0	0	0	0	0	0	1	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	1	0	1
23	0	0	0	0	0	0	0	0	0	0	1	0	1
ALL	6	0	2	3	0	0	2	0	0	1	2	4	20

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

TABLE 33-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	1	1	0	0	0	0	0	0	1	1	1
01	2	1	1	1	0	1	0	0	0	0	1	1	1
02	3	0	1	1	1	0	0	0	0	0	2	2	1
03	2	1	1	1	0	0	0	0	0	1	1	2	1
04	2	0	2	1	0	1	0	0	0	1	1	3	1
05	3	0	1	0	0	0	0	0	0	1	1	3	1
06	2	1	1	1	0	1	0	0	0	0	1	2	1
07	1	1	2	1	1	1	0	1	0	0	1	2	1
08	2	1	2	1	1	2	1	0	1	0	2	2	1
09	3	2	3	1	2	1	1	0	1	1	2	3	2
10	4	2	3	2	2	2	2	1	1	1	1	2	2
11	3	2	2	3	1	2	1	1	0	1	1	2	2
12	3	2	2	4	2	3	3	2	1	1	3	1	2
13	3	1	3	5	4	4	4	1	2	1	1	1	3
14	2	1	4	6	2	5	4	1	1	1	1	2	3
15	2	1	4	5	3	5	4	2	1	1	1	2	3
16	3	2	2	4	1	3	2	2	1	1	2	2	2
17	2	1	2	3	2	1	2	1	0	1	3	3	2
18	1	1	1	4	1	1	0	0	0	1	1	2	1
19	2	1	2	2	0	1	0	1	0	0	1	2	1
20	1	1	1	2	0	0	0	0	0	0	2	2	1
21	3	2	0	1	0	0	0	0	0	0	1	1	1
22	2	0	1	1	0	1	1	1	0	0	1	1	1
23	2	1	1	1	0	0	0	0	0	1	0	2	1
ALL	2	1	2	2	1	1	1	1	1	1	1	2	1

TABLE 33-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	0	0	0	0	0	1	0	0
01	1	0	0	0	0	0	0	0	0	0	1	0	0
02	1	0	0	0	0	0	0	0	0	0	1	0	0
03	0	0	0	0	0	0	0	0	0	0	0	1	0
04	0	0	0	0	0	0	0	0	0	0	0	1	0
05	1	0	0	0	0	0	0	0	0	0	0	1	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	1	0	1	0	0	0	0	0	0	1	0
10	1	1	1	0	1	0	0	0	0	0	0	0	0
11	1	0	0	0	0	0	0	0	0	0	0	1	0
12	0	0	0	1	1	0	1	0	0	0	0	0	0
13	0	0	0	1	0	0	0	0	0	0	0	0	0
14	0	0	0	1	0	0	1	0	0	0	0	1	0
15	0	0	1	1	1	1	0	0	0	0	0	1	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	1	0	0	0	1	0	0	0	1	0	0
18	0	0	0	0	0	0	0	0	0	0	0	1	0
19	0	0	0	0	0	0	0	0	0	0	0	1	0
20	0	0	0	0	0	0	0	0	0	0	0	1	0
21	0	1	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	1	0	0	0	0	0	0	0	0	0
ALL	1	0	0	0	0	0	0	0	0	0	0	1	0

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

TABLE 33-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	1	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	1	0	0	0	0	0	0	0	0	1	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 33-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 33-1 THRU 33-4:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	410	365	407	392	384	379	404	405	390	412	396	417	4761
01	417	370	410	404	379	375	408	403	388	412	405	416	4787
02	410	362	412	395	386	381	400	401	389	405	403	421	4765
03	418	367	417	400	383	380	413	414	393	411	407	415	4818
04	417	380	422	409	401	392	415	428	409	422	414	419	4928
05	415	366	421	405	388	395	413	410	396	415	399	411	4834
06	409	368	419	405	384	387	414	416	406	418	400	414	4840
07	405	368	423	408	385	381	420	412	403	415	404	413	4837
08	414	373	416	399	388	387	412	417	406	415	399	414	4840
09	424	376	413	401	395	374	412	417	401	412	401	415	4841
10	408	378	419	408	386	384	410	419	404	421	398	416	4851
11	411	380	421	403	393	386	412	424	403	417	397	412	4859
12	408	376	411	392	386	381	403	416	398	411	401	415	4798
13	402	376	408	399	379	374	407	412	400	412	399	415	4783
14	405	371	408	401	381	373	416	417	410	413	406	417	4818
15	412	371	419	397	385	386	410	418	399	421	402	428	4848
16	404	373	413	404	395	386	408	409	407	417	404	409	4829
17	408	377	415	402	395	384	408	410	408	422	408	420	4857
18	415	377	413	400	391	386	408	420	401	417	409	417	4854
19	419	374	418	399	389	384	412	418	405	415	402	411	4846
20	415	374	412	394	387	373	414	419	389	406	405	418	4806
21	418	379	411	401	392	386	414	415	401	414	402	422	4855
22	420	369	414	392	386	379	405	412	392	411	405	416	4801
23	404	361	399	384	372	374	405	408	389	381	370	409	4656
ALL	9888	8931	9941	9594	9290	9167	9843	9940	9587	9915	9636	9980	115712

TABLE 33-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	0	75	50	*	*	*	*	0	100	50	20	48
01	56	33	0	20	*	100	100	*	0	100	80	60	50
02	45	100	33	100	50	*	*	*	100	100	50	22	47
03	44	50	50	50	100	0	*	0	*	50	83	40	50
04	22	100	29	40	*	50	0	*	100	67	60	33	39
05	27	0	25	50	*	*	0	*	*	33	40	38	33
06	40	100	33	0	*	50	*	0	*	100	0	29	29
07	33	60	29	25	50	50	0	0	0	50	60	30	35
08	11	40	30	0	25	33	17	0	25	50	13	30	23
09	25	43	18	17	17	0	25	*	20	50	44	36	28
10	35	71	9	38	11	17	14	0	0	60	33	30	28
11	45	14	0	8	50	14	0	17	50	17	25	22	19
12	36	50	14	12	44	33	15	20	0	33	25	17	25
13	50	25	21	29	40	6	13	0	33	0	60	33	26
14	10	25	13	19	33	35	24	0	20	25	100	29	24
15	20	50	13	15	23	26	13	20	60	33	50	25	23
16	18	83	11	17	50	9	13	14	33	60	71	11	27
17	43	60	50	45	17	25	25	50	100	75	64	18	43
18	50	50	75	56	50	25	0	*	100	33	50	38	49
19	63	20	50	43	*	40	*	25	0	0	60	43	43
20	50	0	75	43	100	0	*	100	100	100	50	40	48
21	50	50	50	17	100	100	0	50	0	50	20	0	36
22	10	0	75	20	*	50	33	33	*	100	40	17	32
23	67	50	25	60	*	0	*	100	100	50	*	25	48
ALL	37	45	27	27	34	26	17	19	35	46	48	29	32

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

TABLE 33-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	38	0	25	25	*	*	*	*	0	0	0	40	24
01	33	0	25	20	*	0	0	*	0	0	0	20	17
02	36	0	33	0	0	*	*	*	0	0	13	22	21
03	44	0	0	50	0	0	*	0	*	0	0	10	17
04	67	0	14	60	*	0	0	*	0	0	0	25	28
05	45	0	50	50	*	*	0	*	*	0	20	23	30
06	30	0	33	33	*	0	*	0	*	0	20	43	26
07	50	0	29	25	0	0	0	0	0	0	20	30	21
08	11	0	20	25	0	0	0	0	0	0	25	40	14
09	17	14	27	0	0	0	0	*	0	0	11	18	11
10	12	29	9	13	0	0	0	0	0	0	0	10	8
11	9	57	20	23	0	0	0	0	0	0	25	0	13
12	9	17	29	6	0	0	0	0	0	0	17	0	6
13	17	25	7	5	0	0	0	0	0	0	0	0	4
14	20	0	13	8	0	0	0	0	0	0	0	43	7
15	30	50	13	10	0	0	0	0	0	0	0	13	7
16	27	17	11	6	0	0	0	0	0	0	14	22	9
17	29	40	13	0	0	0	0	0	0	0	0	27	10
18	0	25	25	6	0	0	0	*	0	0	17	38	13
19	0	60	25	14	*	0	*	0	0	0	20	29	18
20	17	75	0	0	0	0	*	0	0	0	13	10	14
21	25	33	0	0	0	0	0	0	0	0	0	40	16
22	20	0	25	20	*	0	0	0	*	0	0	33	15
23	11	0	0	0	*	0	*	0	0	0	*	25	9
ALL	24	24	17	12	0	0	0	0	0	0	10	23	12

TABLE 33-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	38	0	0	0	*	*	*	*	0	0	25	0	14
01	22	0	25	40	*	0	0	*	0	0	0	0	14
02	45	0	33	0	0	*	*	*	0	0	13	0	18
03	44	50	0	25	0	0	*	0	*	0	0	0	14
04	56	0	14	60	*	0	0	*	0	0	0	17	24
05	45	*	25	0	*	*	0	*	*	0	20	8	21
06	40	0	0	17	*	0	*	0	*	0	20	29	21
07	67	0	14	50	0	0	0	0	0	0	20	20	21
08	44	40	10	0	0	0	0	0	0	0	13	10	13
09	18	14	27	0	0	0	0	*	0	0	11	0	9
10	18	0	9	0	0	0	0	0	0	0	33	10	7
11	27	29	10	8	0	0	0	0	0	0	50	0	11
12	18	0	14	0	0	0	0	0	0	0	25	0	5
13	25	0	7	0	0	0	0	0	0	0	20	0	4
14	30	0	13	4	0	0	0	0	0	0	0	14	6
15	20	0	7	5	0	0	0	0	0	0	17	0	4
16	27	0	11	6	0	0	0	0	0	0	0	22	7
17	43	20	13	0	0	0	0	0	0	0	18	18	11
18	17	0	25	0	0	0	0	*	0	0	17	25	9
19	13	40	13	14	*	0	*	0	0	0	20	29	16
20	33	25	0	0	0	0	*	0	0	0	13	22	14
21	25	17	0	0	0	0	0	0	0	0	0	40	14
22	20	0	0	0	*	0	0	0	*	0	0	17	7
23	11	0	0	0	*	0	*	0	0	0	*	0	3
ALL	30	12	12	6	0	0	0	0	0	0	14	11	10

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 33-5 THRU 33-7:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	1	4	4	0	0	0	0	1	2	4	5	29
01	9	3	4	5	0	2	1	0	1	1	5	5	36
02	11	1	3	2	2	0	0	0	1	1	8	9	38
03	9	2	4	4	1	1	0	1	0	4	6	10	42
04	9	1	7	5	0	2	1	0	1	3	5	12	46
05	11	1	4	2	0	0	1	0	0	3	5	13	40
06	10	2	3	6	0	2	0	2	0	1	5	7	38
07	6	5	7	4	2	2	1	3	1	2	5	10	48
08	9	5	10	4	4	6	6	2	4	2	8	10	70
09	12	7	11	6	6	4	4	0	5	4	9	11	79
10	17	7	11	8	9	6	7	3	3	5	3	10	89
11	11	7	10	13	4	7	5	6	2	6	4	9	84
12	11	6	7	17	9	12	13	10	3	6	12	6	112
13	12	4	14	21	15	16	15	5	6	6	5	6	125
14	10	4	15	26	9	17	17	6	5	4	3	7	123
15	10	2	15	20	13	19	16	10	5	6	6	8	130
16	11	6	9	18	4	11	8	7	3	5	7	9	98
17	7	5	8	11	6	4	8	4	2	4	11	11	81
18	6	4	4	16	2	4	1	0	1	3	6	8	55
19	8	5	8	7	0	5	0	4	1	1	5	7	51
20	6	4	4	7	1	1	0	1	1	1	8	10	44
21	12	6	2	6	1	1	1	2	1	2	5	5	44
22	10	1	4	5	0	2	3	3	0	2	5	6	41
23	9	2	4	5	0	1	0	1	1	2	0	8	33
ALL	234	91	172	222	88	125	108	70	48	76	140	202	1576

TABLE 33-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	67	0	0	100	*	*	*	*	*	*	33	0	40
01	50	*	0	*	*	*	*	*	*	*	67	50	46
02	50	*	*	*	0	*	*	*	100	*	67	100	62
03	50	*	*	*	100	*	*	*	*	*	*	50	56
04	100	*	0	*	*	*	*	*	*	100	*	50	57
05	33	0	0	*	*	*	*	*	*	0	0	60	33
06	0	*	0	0	*	*	*	*	*	*	*	0	0
07	100	*	*	100	*	*	*	0	*	*	100	0	50
08	*	100	*	*	*	*	*	*	*	*	*	0	50
09	50	*	0	*	0	*	*	*	*	0	100	33	25
10	33	67	0	*	0	*	*	*	*	*	*	0	21
11	33	*	0	0	*	100	*	0	100	0	*	25	29
12	100	*	*	0	100	*	33	*	*	100	0	0	40
13	100	*	*	50	0	0	100	0	*	0	*	0	36
14	0	*	0	0	0	100	25	*	0	0	100	33	24
15	0	*	0	67	50	33	100	100	100	0	*	0	33
16	100	100	0	100	*	*	0	50	0	100	100	0	50
17	67	100	100	100	*	*	33	*	100	*	60	100	75
18	50	100	100	*	*	*	0	*	*	0	0	33	40
19	100	100	0	*	*	0	*	0	*	*	*	50	44
20	0	0	*	*	*	*	*	100	*	*	*	50	38
21	0	100	100	*	*	100	*	0	*	100	0	*	56
22	0	*	100	*	*	0	*	*	*	*	50	*	43
23	100	0	*	100	*	*	*	*	*	*	*	50	71
ALL	48	67	24	47	33	44	33	30	71	43	54	36	42

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

TABLE 33-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	0	100	0	*	*	*	*	*	*	0	100	30
01	33	*	0	*	*	*	*	*	*	*	0	50	23
02	33	*	*	*	0	*	*	*	0	*	0	0	15
03	0	*	*	*	0	*	*	*	*	*	*	17	11
04	0	*	0	*	*	*	*	*	*	0	*	0	0
05	67	0	100	*	*	*	*	*	*	0	0	0	25
06	0	*	0	0	*	*	*	*	*	*	*	0	0
07	0	*	*	0	*	*	*	0	*	*	0	0	0
08	*	0	*	*	*	*	*	*	*	*	*	0	0
09	0	*	0	*	0	*	*	*	*	0	0	0	0
10	0	33	0	*	0	*	*	*	*	*	*	0	7
11	0	*	0	0	*	0	*	0	0	0	*	0	0
12	0	*	*	0	0	*	0	*	*	0	50	0	7
13	0	*	*	0	0	0	0	0	*	0	*	0	0
14	0	*	0	33	0	0	0	*	0	0	0	33	12
15	0	*	0	0	0	0	0	0	0	0	*	0	0
16	0	0	0	0	*	*	0	0	0	0	0	0	0
17	33	0	0	0	*	*	0	*	0	*	0	0	5
18	0	0	0	*	*	*	0	*	*	0	0	0	0
19	0	0	100	*	*	0	*	0	*	*	*	0	11
20	50	100	*	*	*	*	*	0	*	*	*	0	25
21	50	0	0	*	*	0	*	0	*	0	0	*	11
22	50	*	0	*	*	0	*	*	*	*	0	*	14
23	0	0	*	0	*	*	*	*	*	*	*	0	0
ALL	21	13	10	5	0	0	0	0	0	0	4	7	8

TABLE 33-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KT

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	0	0	0	*	*	*	*	*	*	33	0	20
01	33	*	50	*	*	*	*	*	*	*	0	0	23
02	33	*	*	*	0	*	*	*	0	*	0	0	15
03	0	*	*	*	0	*	*	*	*	*	*	0	0
04	0	*	0	*	*	*	*	*	*	0	*	0	0
05	33	*	0	*	*	*	*	*	*	0	0	0	9
06	100	*	0	0	*	*	*	*	*	*	*	0	25
07	0	*	*	0	*	*	*	0	*	*	0	0	0
08	*	0	*	*	*	*	*	*	*	*	*	0	0
09	0	*	0	*	0	*	*	*	*	0	0	0	0
10	0	0	0	*	0	*	*	*	*	*	*	0	0
11	33	*	0	0	*	0	*	0	0	0	*	0	7
12	0	*	*	0	0	*	0	*	*	0	100	0	13
13	0	*	*	0	0	0	0	0	*	0	*	0	0
14	100	*	0	0	0	0	0	*	0	0	0	0	6
15	0	*	0	0	0	0	0	0	0	0	*	0	0
16	0	0	0	0	*	*	0	0	0	0	0	0	0
17	33	0	0	0	*	*	0	*	0	*	20	0	10
18	0	0	0	*	*	*	0	*	*	0	0	0	0
19	0	0	0	*	*	0	*	0	*	*	*	25	11
20	50	0	*	*	*	*	*	0	*	*	*	0	14
21	50	0	0	*	*	0	*	0	*	0	0	*	11
22	0	*	0	*	*	0	*	*	*	*	0	*	0
23	0	0	*	0	*	*	*	*	*	*	*	0	0
ALL	23	0	3	0	0	0	0	0	0	0	15	2	7

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 33-8 THRU 33-10:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	1	1	1	0	0	0	0	0	0	3	1	10
01	6	0	2	0	0	0	0	0	0	0	3	2	13
02	6	0	0	0	1	0	0	0	1	0	3	2	13
03	2	0	0	0	1	0	0	0	0	0	0	6	9
04	1	0	1	0	0	0	0	0	0	1	0	4	7
05	3	1	1	0	0	0	0	0	0	1	1	5	12
06	1	0	1	1	0	0	0	0	0	0	0	1	4
07	1	0	0	1	0	0	0	1	0	0	1	2	6
08	0	1	0	0	0	0	0	0	0	0	0	1	2
09	2	0	3	0	2	0	0	0	0	1	1	3	12
10	3	3	4	0	2	0	0	0	0	0	0	2	14
11	3	0	1	1	0	1	0	2	1	1	0	4	14
12	1	0	0	3	2	0	3	0	0	2	2	2	15
13	2	0	0	2	1	1	1	1	0	2	0	1	11
14	1	0	1	3	1	1	4	0	1	1	1	3	17
15	2	0	4	3	2	3	1	1	1	1	0	3	21
16	1	1	2	1	0	0	2	2	1	2	2	2	16
17	3	2	3	1	0	0	3	0	2	0	5	1	20
18	2	1	1	0	0	0	1	0	0	1	1	3	10
19	1	1	1	0	0	1	0	1	0	0	0	4	9
20	2	1	0	0	0	0	0	1	0	0	0	4	8
21	2	2	1	0	0	1	0	1	0	1	1	0	9
22	2	0	2	0	0	1	0	0	0	0	2	0	7
23	2	1	0	2	0	0	0	0	0	0	0	2	7
ALL	52	15	29	19	12	9	15	10	7	14	26	58	266

TABLE 33-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	*	*	*	*	*	*	*	100	0	25
01	0	*	*	*	*	*	*	*	*	*	50	*	25
02	0	*	*	*	*	*	*	*	*	*	0	100	25
03	*	*	*	*	*	*	*	*	*	*	*	67	67
04	*	*	0	*	*	*	*	*	*	*	*	0	0
05	100	0	*	*	*	*	*	*	*	*	*	50	50
06	0	*	*	*	*	*	*	*	*	*	*	0	0
07	*	*	*	*	*	*	*	*	*	*	100	*	100
08	*	100	*	*	*	*	*	*	*	*	*	*	100
09	*	*	*	*	*	*	*	*	*	0	*	0	0
10	*	*	0	*	*	*	*	*	*	*	*	*	0
11	*	*	*	*	*	*	*	*	*	*	*	0	0
12	*	*	*	0	100	*	0	*	*	100	0	0	33
13	*	*	*	100	0	0	*	0	*	*	*	*	25
14	*	*	*	0	0	*	33	*	0	*	*	50	22
15	*	*	0	*	0	0	*	100	*	*	*	0	17
16	*	*	*	100	*	*	0	0	0	100	100	*	57
17	100	100	*	*	*	*	100	*	100	*	67	*	88
18	*	100	*	*	*	*	0	*	*	0	0	*	25
19	*	*	*	*	*	0	*	0	*	*	*	0	0
20	0	*	*	*	*	*	*	100	*	*	*	50	50
21	*	100	*	*	*	100	*	*	*	*	*	*	100
22	*	*	100	*	*	*	*	*	*	*	100	*	100
23	*	*	*	*	*	*	*	*	*	*	*	100	100
ALL	22	83	17	40	25	25	25	40	33	67	54	33	39

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

TABLE 33-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	*	100	*	*	*	*	*	*	*	0	100	75
01	50	*	*	*	*	*	*	*	*	*	0	*	25
02	100	*	*	*	*	*	*	*	*	*	0	0	50
03	*	*	*	*	*	*	*	*	*	*	*	0	0
04	*	*	0	*	*	*	*	*	*	*	*	0	0
05	0	0	*	*	*	*	*	*	*	*	*	0	0
06	0	*	*	*	*	*	*	*	*	*	*	0	0
07	*	*	*	*	*	*	*	*	*	*	0	*	0
08	*	0	*	*	*	*	*	*	*	*	*	*	0
09	*	*	*	*	*	*	*	*	*	0	*	0	0
10	*	*	0	*	*	*	*	*	*	*	*	*	0
11	*	*	*	*	*	*	*	*	*	*	*	0	0
12	*	*	*	0	0	*	0	*	*	0	50	0	11
13	*	*	*	0	0	0	*	0	*	*	*	*	0
14	*	*	*	0	0	*	0	*	0	*	*	50	11
15	*	*	0	*	0	0	*	0	*	*	*	0	0
16	*	*	*	0	*	*	0	0	0	0	0	*	0
17	0	0	*	*	*	*	0	*	0	*	0	*	0
18	*	0	*	*	*	*	0	*	*	0	0	*	0
19	*	*	*	*	*	0	*	0	*	*	*	0	0
20	0	*	*	*	*	*	*	0	*	*	*	0	0
21	*	0	*	*	*	0	*	*	*	*	*	*	0
22	*	*	0	*	*	*	*	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	*	0	0
ALL	44	0	17	0	0	0	0	0	0	0	8	10	9

TABLE 33-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KT

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	100	*	0	*	*	*	*	*	*	*	0	0	25
01	50	*	*	*	*	*	*	*	*	*	0	*	25
02	100	*	*	*	*	*	*	*	*	*	0	0	50
03	*	*	*	*	*	*	*	*	*	*	*	0	0
04	*	*	0	*	*	*	*	*	*	*	*	0	0
05	0	*	*	*	*	*	*	*	*	*	*	0	0
06	100	*	*	*	*	*	*	*	*	*	*	0	50
07	*	*	*	*	*	*	*	*	*	*	0	*	0
08	*	0	*	*	*	*	*	*	*	*	*	*	0
09	*	*	*	*	*	*	*	*	*	0	*	0	0
10	*	*	0	*	*	*	*	*	*	*	*	*	0
11	*	*	*	*	*	*	*	*	*	*	*	0	0
12	*	*	*	0	0	*	0	*	*	0	100	0	22
13	*	*	*	0	0	0	*	0	*	*	*	*	0
14	*	*	*	0	0	*	0	*	0	*	*	0	0
15	*	*	0	*	0	0	*	0	*	*	*	0	0
16	*	*	*	0	*	*	0	0	0	0	0	*	0
17	0	0	*	*	*	*	0	*	0	*	33	*	13
18	*	0	*	*	*	*	0	*	*	0	0	*	0
19	*	*	*	*	*	0	*	0	*	*	*	100	33
20	100	*	*	*	*	*	*	0	*	*	*	0	25
21	*	0	*	*	*	0	*	*	*	*	*	*	0
22	*	*	0	*	*	*	*	*	*	*	0	*	0
23	*	*	*	*	*	*	*	*	*	*	*	0	0
ALL	67	0	0	0	0	0	0	0	0	0	23	5	11

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 33-11 THRU 33-13:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	1	0	0	0	0	0	0	0	1	1	4
01	2	0	0	0	0	0	0	0	0	0	2	0	4
02	2	0	0	0	0	0	0	0	0	0	1	1	4
03	0	0	0	0	0	0	0	0	0	0	0	3	3
04	0	0	1	0	0	0	0	0	0	0	0	2	3
05	1	1	0	0	0	0	0	0	0	0	0	2	4
06	1	0	0	0	0	0	0	0	0	0	0	1	2
07	0	0	0	0	0	0	0	0	0	0	1	0	1
08	0	1	0	0	0	0	0	0	0	0	0	0	1
09	0	0	0	0	0	0	0	0	0	1	0	1	2
10	0	0	1	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	2	2
12	0	0	0	1	1	0	2	0	0	2	2	1	9
13	0	0	0	1	1	1	0	1	0	0	0	0	4
14	0	0	0	2	1	0	3	0	1	0	0	2	9
15	0	0	2	0	1	1	0	1	0	0	0	1	6
16	0	0	0	1	0	0	1	1	1	2	1	0	7
17	1	2	0	0	0	0	1	0	1	0	3	0	8
18	0	1	0	0	0	0	1	0	0	1	1	0	4
19	0	0	0	0	0	1	0	1	0	0	0	1	3
20	1	0	0	0	0	0	0	1	0	0	0	2	4
21	0	1	0	0	0	1	0	0	0	0	0	0	2
22	0	0	1	0	0	0	0	0	0	0	1	0	2
23	0	0	0	0	0	0	0	0	0	0	0	1	1
ALL	9	6	6	5	4	4	8	5	3	6	13	21	90

TABLE 33-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	100	0	50
01	0	*	*	*	*	*	*	*	*	*	50	*	25
02	*	*	*	*	*	*	*	*	*	*	0	*	0
03	*	*	*	*	*	*	*	*	*	*	*	100	100
04	*	*	*	*	*	*	*	*	*	*	*	0	0
05	*	0	*	*	*	*	*	*	*	*	*	0	0
06	0	*	*	*	*	*	*	*	*	*	*	*	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	0	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	0	0
12	*	*	*	*	*	*	*	*	*	100	0	0	33
13	*	*	*	100	*	*	*	*	*	*	*	*	100
14	*	*	*	0	0	*	0	*	*	*	*	*	0
15	*	*	*	*	*	0	*	100	*	*	*	0	33
16	*	*	*	*	*	*	0	*	0	*	100	*	33
17	100	100	*	*	*	*	100	*	*	*	*	*	100
18	*	100	*	*	*	*	0	*	*	0	0	*	25
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	100	*	*	*	*	*	*	100
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	100	100
ALL	25	67	*	50	0	50	25	100	0	33	43	20	34

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

TABLE 33-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	0	100	50
01	50	*	*	*	*	*	*	*	*	*	0	*	25
02	*	*	*	*	*	*	*	*	*	*	0	*	0
03	*	*	*	*	*	*	*	*	*	*	*	0	0
04	*	*	*	*	*	*	*	*	*	*	*	0	0
05	*	0	*	*	*	*	*	*	*	*	*	0	0
06	0	*	*	*	*	*	*	*	*	*	*	*	0
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	0	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	0	0
12	*	*	*	*	*	*	*	*	*	0	0	0	0
13	*	*	*	0	*	*	*	*	*	*	*	*	0
14	*	*	*	0	0	*	0	*	*	*	*	*	0
15	*	*	*	*	*	0	*	0	*	*	*	0	0
16	*	*	*	*	*	*	0	*	0	*	0	*	0
17	0	0	*	*	*	*	0	*	*	*	*	*	0
18	*	0	*	*	*	*	0	*	*	0	0	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	0	*	*	*	*	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	0	0
ALL	25	0	*	0	0	0	0	0	0	0	0	10	5

TABLE 33-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	0	0	0
01	50	*	*	*	*	*	*	*	*	*	0	*	25
02	*	*	*	*	*	*	*	*	*	*	0	*	0
03	*	*	*	*	*	*	*	*	*	*	*	0	0
04	*	*	*	*	*	*	*	*	*	*	*	0	0
05	*	*	*	*	*	*	*	*	*	*	*	0	0
06	100	*	*	*	*	*	*	*	*	*	*	*	100
07	*	*	*	*	*	*	*	*	*	*	*	*	*
08	*	*	*	*	*	*	*	*	*	*	*	*	*
09	*	*	*	*	*	*	*	*	*	0	*	0	0
10	*	*	*	*	*	*	*	*	*	*	*	*	*
11	*	*	*	*	*	*	*	*	*	*	*	0	0
12	*	*	*	*	*	*	*	*	*	0	100	0	33
13	*	*	*	0	*	*	*	*	*	*	*	*	0
14	*	*	*	0	0	*	0	*	*	*	*	*	0
15	*	*	*	*	*	0	*	0	*	*	*	0	0
16	*	*	*	*	*	*	0	*	0	*	0	*	0
17	0	0	*	*	*	*	0	*	*	*	*	*	0
18	*	0	*	*	*	*	0	*	*	0	0	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	0	*	*	*	*	*	*	0
22	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	0	0
ALL	50	0	*	0	0	0	0	0	0	0	14	0	8

STATION: STUTTGART (ECHTER), FRG WMO #: 107380 RUNWAY HEADING: 080-260

NUMBER OF CASES USED FOR CALCULATIONS IN TABLES 33-14 THRU 33-16:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	1	1	2
01	2	0	0	0	0	0	0	0	0	0	2	0	4
02	0	0	0	0	0	0	0	0	0	0	1	0	1
03	0	0	0	0	0	0	0	0	0	0	0	1	1
04	0	0	0	0	0	0	0	0	0	0	0	1	1
05	0	1	0	0	0	0	0	0	0	0	0	1	2
06	1	0	0	0	0	0	0	0	0	0	0	0	1
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	1	0	1	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	2	2
12	0	0	0	0	0	0	0	0	0	1	1	1	3
13	0	0	0	1	0	0	0	0	0	0	0	0	1
14	0	0	0	1	1	0	1	0	0	0	0	0	3
15	0	0	0	0	0	1	0	1	0	0	0	1	3
16	0	0	0	0	0	0	1	0	1	0	1	0	3
17	1	1	0	0	0	0	1	0	0	0	0	0	3
18	0	1	0	0	0	0	1	0	0	1	1	0	4
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	1	1
ALL	4	3	0	2	1	2	4	1	1	3	7	10	38

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

TABLE 34-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	4	3	2	2	1	1	1	2	3	5	4	3
01	3	4	4	2	1	1	2	1	1	3	3	4	2
02	4	3	3	2	2	1	1	1	0	3	3	3	2
03	4	3	3	2	1	0	1	1	0	3	4	3	2
04	3	2	2	2	1	0	0	0	0	2	3	3	2
05	3	2	3	2	0	0	0	0	1	2	4	4	2
06	3	3	3	2	1	0	0	1	0	2	3	4	2
07	3	2	3	4	2	0	0	1	0	2	4	3	2
08	4	2	4	4	2	1	1	1	0	3	3	3	2
09	6	5	6	6	6	0	1	1	1	3	4	3	3
10	6	6	7	6	4	1	2	1	2	5	6	6	4
11	8	7	9	6	5	1	1	1	2	6	7	7	5
12	8	11	10	7	5	2	3	2	3	7	7	7	6
13	8	11	12	11	6	4	4	3	3	8	9	9	7
14	10	13	14	13	6	4	5	4	4	9	9	10	8
15	9	13	15	12	8	5	5	5	5	11	9	12	9
16	10	14	15	11	8	6	6	5	5	9	9	9	9
17	7	12	15	13	9	7	5	7	5	8	7	8	8
18	6	9	14	12	9	9	6	8	5	6	6	6	8
19	5	5	7	6	6	7	7	6	3	4	5	4	6
20	5	5	6	4	3	4	4	3	2	3	3	4	4
21	4	4	4	3	2	2	2	2	1	4	3	2	3
22	3	4	4	3	3	2	3	2	1	3	4	3	3
23	2	2	4	2	3	1	2	1	1	3	4	3	2
ALL	5	6	7	6	4	2	3	2	2	5	5	5	4

TABLE 34-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	1	2	1	1	0	0	0	0	1	2	2	1
01	1	2	2	1	1	0	0	0	0	1	1	2	1
02	2	1	1	1	0	0	0	0	0	1	1	2	1
03	1	1	2	0	0	0	0	0	0	1	1	2	1
04	1	1	1	1	0	0	0	0	0	0	1	2	1
05	1	1	0	0	0	0	0	0	0	1	1	1	1
06	2	2	1	1	0	0	0	0	0	1	1	2	1
07	2	1	2	2	1	0	0	0	0	1	1	1	1
08	2	1	2	2	1	0	0	0	0	1	1	1	1
09	4	2	2	2	2	0	0	0	0	2	2	2	2
10	3	3	4	3	1	0	0	0	0	2	4	4	2
11	6	5	5	3	2	0	0	0	1	3	5	3	3
12	5	7	5	3	2	0	1	0	1	4	4	5	3
13	5	7	6	6	2	1	1	0	1	4	5	5	4
14	5	7	6	6	3	1	1	1	2	3	6	5	4
15	5	7	9	6	3	3	1	3	2	4	6	6	5
16	6	6	8	5	3	2	2	2	2	5	5	6	4
17	3	5	9	6	4	3	1	3	2	3	3	3	4
18	3	4	5	4	3	4	1	3	1	3	4	3	3
19	2	2	3	2	2	3	1	2	1	2	2	2	2
20	1	3	3	2	1	2	1	2	1	2	1	1	2
21	2	1	2	1	1	1	0	1	0	3	2	1	1
22	1	1	1	2	1	1	1	1	1	2	2	2	1
23	1	1	1	1	1	1	1	0	0	1	2	1	1
ALL	3	3	3	3	2	1	1	1	1	2	2	3	2

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

TABLE 34-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	1	0	0	0	0	0	0	0	0	1	0
01	0	1	1	0	0	0	0	0	0	0	0	1	0
02	1	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	1	0
04	0	1	0	1	0	0	0	0	0	0	0	0	0
05	0	1	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	1	0
07	1	0	0	0	0	0	0	0	0	0	0	0	0
08	0	1	1	0	0	0	0	0	0	0	0	0	0
09	1	1	1	0	1	0	0	0	0	0	0	1	0
10	2	2	2	1	0	0	0	0	0	0	1	2	1
11	2	2	2	1	0	0	0	0	0	1	1	2	1
12	2	4	3	1	0	0	0	0	1	0	2	2	1
13	2	4	3	2	0	0	0	0	0	1	2	2	1
14	3	4	3	3	0	0	0	0	1	1	1	3	2
15	3	4	2	3	1	0	0	1	1	1	2	3	2
16	1	3	3	2	1	0	1	0	1	2	2	2	1
17	1	2	3	2	0	0	0	1	1	1	1	1	1
18	1	2	2	1	1	2	0	1	0	0	0	1	1
19	1	1	0	0	1	0	0	0	0	1	1	1	1
20	0	1	0	0	0	0	0	1	0	1	0	0	0
21	0	1	0	0	0	0	0	0	0	1	0	0	0
22	0	0	0	0	0	0	0	0	0	1	0	0	0
23	0	1	0	0	1	0	0	0	0	0	0	0	0
ALL	1	1	1	1	0	0	0	0	0	1	1	1	1

TABLE 34-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	1	0	0	0	0	0	0	0	0	0	0	0
10	0	1	0	0	0	0	0	0	0	0	0	1	0
11	1	0	0	0	0	0	0	0	0	0	0	1	0
12	0	1	1	0	0	0	0	0	0	0	1	1	0
13	0	3	1	1	0	0	0	0	0	0	1	2	1
14	1	1	1	0	0	0	0	0	0	0	0	0	0
15	0	1	0	0	0	0	0	0	0	0	0	1	0
16	0	1	0	0	0	0	0	0	0	0	1	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 34-1 THRU 34-4:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	434	395	434	394	434	420	434	434	420	434	420	434	5087
01	434	395	434	393	434	420	434	434	420	434	420	434	5086
02	433	395	434	393	434	420	434	434	420	434	420	434	5085
03	434	395	434	393	434	420	434	434	420	434	420	434	5086
04	434	395	433	393	434	420	434	433	420	434	418	434	5082
05	434	395	434	408	434	420	434	434	420	434	420	434	5101
06	434	395	434	419	434	420	434	434	420	434	420	434	5112
07	434	395	434	420	434	420	434	434	420	434	420	434	5113
08	434	395	434	420	434	420	434	434	420	434	420	434	5113
09	434	395	434	420	434	420	434	434	420	434	420	434	5113
10	434	395	434	420	434	420	434	434	420	434	420	434	5113
11	434	395	434	420	434	420	434	433	420	434	420	434	5112
12	434	395	434	420	434	420	434	434	420	434	420	434	5113
13	434	395	434	420	434	420	434	434	420	434	420	434	5113
14	434	395	434	420	434	420	434	434	420	434	420	434	5113
15	434	395	434	420	434	420	434	434	420	434	420	434	5113
16	434	395	434	420	434	420	434	434	420	434	420	434	5113
17	434	395	434	420	434	420	434	434	420	434	420	434	5113
18	434	395	434	420	434	420	434	434	420	434	420	434	5113
19	434	395	434	420	434	420	434	434	420	434	420	434	5113
20	434	395	434	420	434	420	434	434	420	434	420	434	5113
21	434	395	434	420	434	420	434	434	420	434	420	434	5113
22	434	395	434	420	434	420	434	434	420	434	419	434	5112
23	434	395	434	420	434	420	434	434	420	434	420	434	5113
		9480		9933		10080		10414		10416		10416	
ALL	10415		10415		10416		10416		10080		10077		117445

TABLE 34-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	7	0	7	0	25	0	0	20	29	0	5	12	8
01	0	0	0	25	17	20	0	0	0	8	9	19	8
02	6	18	7	13	0	0	0	0	0	0	0	20	7
03	13	17	7	13	33	0	0	33	0	7	13	14	12
04	13	0	0	0	0	0	0	0	0	29	0	15	7
05	8	0	0	0	0	*	*	0	0	0	13	18	7
06	7	8	0	11	17	0	0	25	0	14	8	25	11
07	0	25	0	7	0	*	0	0	50	13	7	27	9
08	6	11	0	6	11	25	0	0	0	7	21	27	10
09	11	21	0	4	8	0	0	0	0	7	7	21	8
10	11	17	0	12	0	0	0	0	0	0	12	8	7
11	9	7	3	7	0	0	0	0	0	0	6	13	5
12	9	0	2	10	10	0	0	14	0	6	10	10	6
13	0	2	2	7	28	7	0	0	7	11	14	5	7
14	0	2	7	9	20	0	5	6	0	0	10	9	6
15	3	4	3	12	15	9	5	0	14	2	5	8	6
16	0	6	3	7	17	4	4	4	5	0	8	5	5
17	6	4	0	4	5	7	14	3	5	11	14	6	6
18	4	3	8	8	5	3	0	6	5	8	17	15	7
19	0	0	6	4	4	7	3	4	7	0	11	0	4
20	0	5	7	13	8	17	13	7	10	7	14	6	8
21	6	0	5	7	0	0	13	0	17	0	8	20	6
22	9	0	0	23	36	13	17	0	25	8	11	13	12
23	0	0	6	11	33	17	10	0	0	18	12	0	10
ALL	5	5	3	8	12	6	5	4	7	5	10	11	7

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

TABLE 34-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	*	*	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	*	0	0	0	0	0	0	0
08	0	0	0	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	2	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	4	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 34-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	20	0	0	0	0	0	0	0	0	0	6	3
01	0	14	0	0	0	0	0	0	0	0	0	13	3
02	6	0	0	0	0	0	0	0	0	0	0	7	2
03	6	0	0	0	0	0	0	0	0	0	0	7	2
04	7	0	0	0	0	0	0	0	0	0	0	8	2
05	8	11	0	0	0	*	*	0	0	0	0	6	3
06	14	17	0	0	0	0	0	0	0	0	0	6	5
07	14	25	0	0	0	*	0	0	0	0	0	0	4
08	13	11	0	0	0	0	0	0	0	0	0	0	2
09	11	5	0	0	0	0	0	0	0	0	0	0	2
10	0	4	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	3	0	0	0	0	0	0	0	0	0	0	0	0
18	8	0	0	0	0	0	0	0	0	0	0	0	0
19	0	5	0	0	0	0	0	0	0	0	0	11	1
20	10	0	0	0	0	0	0	0	0	0	0	6	1
21	0	7	0	0	0	0	0	0	0	0	0	10	1
22	18	7	0	0	0	0	0	0	0	0	0	7	3
23	0	11	0	0	0	0	0	0	0	0	0	7	2
ALL	4	3	0	0	0	0	0	0	0	0	0	3	1

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 34-5 THRU 34-7:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	15	15	14	9	8	5	4	5	7	11	19	17	129
01	14	14	18	8	6	5	7	3	3	12	11	16	117
02	16	11	14	8	7	3	4	6	1	11	12	15	108
03	16	12	15	8	3	2	5	3	2	15	16	14	111
04	15	8	10	9	5	1	1	2	2	7	11	13	84
05	13	9	12	8	2	0	0	2	3	7	15	17	88
06	14	12	12	9	6	1	1	4	2	7	12	16	96
07	14	8	12	15	9	0	1	3	2	8	15	11	98
08	16	9	18	16	9	4	5	4	2	14	14	11	122
09	27	19	24	26	24	1	5	6	3	14	15	14	178
10	28	23	32	26	18	5	7	3	8	20	26	26	222
11	34	28	37	27	20	5	5	5	10	28	31	30	260
12	34	43	44	31	21	7	13	7	11	31	31	31	304
13	35	45	52	45	25	15	16	15	14	36	37	41	376
14	44	50	59	53	25	16	20	18	18	37	39	44	423
15	39	53	64	51	33	22	20	23	22	48	37	51	463
16	43	54	66	46	36	24	26	23	21	41	39	41	460
17	32	48	63	54	39	29	21	30	20	36	28	34	434
18	26	36	60	52	38	38	25	36	20	25	24	26	406
19	22	21	32	27	28	28	29	26	14	17	19	19	282
20	21	21	27	16	13	18	16	14	10	14	14	17	201
21	18	14	19	14	8	7	8	9	6	17	13	10	143
22	11	14	16	13	11	8	12	8	4	13	18	15	143
23	9	9	16	9	12	6	10	4	5	11	17	15	123
ALL	556	576	736	580	406	250	261	259	210	480	513	544	5371

TABLE 34-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	13	0	20	0	0	100	0	0	14	14	10
01	0	0	0	0	33	0	0	0	0	0	0	13	4
02	0	25	0	0	0	0	*	0	0	0	0	14	5
03	0	25	13	0	*	0	*	*	0	25	17	29	16
04	0	0	0	0	0	*	*	*	0	0	0	13	3
05	0	0	0	0	*	*	*	*	0	0	33	20	7
06	0	0	0	0	0	*	0	*	0	0	0	33	7
07	0	33	0	14	0	*	0	*	0	20	0	20	9
08	0	20	0	10	0	*	0	0	0	0	25	25	7
09	6	13	0	0	10	0	*	*	0	14	0	25	8
10	15	8	0	9	0	0	0	0	0	0	13	6	7
11	4	5	0	0	0	0	0	0	0	0	5	7	3
12	0	0	0	14	0	0	0	0	0	0	6	0	2
13	0	3	4	4	30	0	0	0	0	5	14	5	6
14	0	3	7	4	33	0	0	0	0	0	8	9	6
15	0	4	3	4	31	0	0	0	10	5	4	13	6
16	0	8	3	10	7	13	10	13	0	0	11	0	5
17	8	0	0	4	6	9	17	0	13	23	27	8	7
18	7	7	0	6	8	6	0	7	0	9	13	15	7
19	0	0	8	0	10	0	20	0	0	0	13	0	4
20	0	8	0	0	0	11	20	13	20	13	20	0	8
21	0	0	14	0	0	0	0	0	0	0	0	20	3
22	0	0	0	0	33	0	20	0	33	0	14	13	8
23	0	0	20	0	40	0	0	0	0	0	0	0	6
ALL	2	5	3	5	13	4	7	4	5	5	10	10	6

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

TABLE 34-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	*	0	0	0	0	0	0
03	0	0	0	0	*	0	*	*	0	0	0	0	0
04	0	0	0	0	0	*	*	*	0	0	0	0	0
05	0	0	0	0	*	*	*	*	0	0	0	0	0
06	0	0	0	0	0	*	0	*	0	0	0	0	0
07	0	0	0	0	0	*	0	*	0	0	0	0	0
08	0	0	0	0	0	*	0	0	0	0	0	0	0
09	0	0	0	0	0	0	*	*	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	13	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 34-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	14	2
01	0	0	0	0	0	0	0	0	0	0	0	13	2
02	0	0	0	0	0	0	*	0	0	0	0	14	3
03	17	0	0	0	*	0	*	*	0	0	0	14	5
04	0	0	0	0	0	*	*	*	0	0	0	13	3
05	0	0	0	0	*	*	*	*	0	0	0	0	0
06	25	33	0	0	0	*	0	*	0	0	0	0	9
07	0	0	0	0	0	*	0	*	0	0	0	0	0
08	11	20	0	0	0	*	0	0	0	0	0	0	4
09	13	0	0	0	0	0	*	*	0	0	0	0	3
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	7	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	22	2
20	0	0	0	0	0	0	0	0	0	0	0	20	1
21	0	20	0	0	0	0	0	0	0	0	0	20	3
22	0	0	0	0	0	0	0	0	0	0	0	13	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	2	1	0	0	0	0	0	0	0	0	0	4	1

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 34-8 THRU 34-10:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	2	8	4	5	2	2	1	2	5	7	7	49
01	5	6	10	3	3	1	1	1	2	5	4	8	49
02	9	4	6	3	1	2	0	1	1	3	3	7	40
03	6	4	8	1	0	1	0	0	1	4	6	7	38
04	5	4	4	5	2	0	0	0	1	2	4	8	35
05	5	4	2	2	0	0	0	0	1	5	3	5	27
06	8	6	6	3	1	0	1	0	1	4	4	9	43
07	7	3	7	7	5	0	1	0	1	5	6	5	47
08	9	5	9	10	6	0	1	2	1	5	4	4	56
09	16	8	10	10	10	1	0	0	1	7	9	8	80
10	13	13	18	11	5	1	1	1	1	10	15	18	107
11	24	20	23	12	9	1	1	1	4	14	19	14	142
12	21	26	23	14	7	2	4	2	4	16	17	20	156
13	22	29	26	25	10	5	4	2	4	19	22	20	188
14	22	29	27	26	12	3	5	4	8	15	24	23	198
15	23	28	38	24	13	11	6	12	10	19	25	24	233
16	25	24	33	20	15	8	10	8	7	21	19	25	215
17	12	21	37	24	17	11	6	15	8	13	11	13	188
18	14	14	20	17	13	17	6	15	6	11	15	13	161
19	9	8	12	8	10	11	5	7	5	7	8	9	99
20	5	12	11	7	3	9	5	8	5	8	5	5	83
21	8	5	7	5	3	3	1	4	1	11	7	5	60
22	6	4	4	7	3	3	5	4	3	7	7	8	61
23	4	4	5	5	5	3	5	1	1	5	7	6	51
ALL	282	283	354	253	158	95	70	89	79	221	251	271	2406

TABLE 34-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	0	*	*	0	*	0	0	0	25	6
01	0	0	0	0	*	*	*	0	*	0	0	25	7
02	0	*	0	*	0	*	*	*	*	*	0	100	14
03	0	0	0	*	*	*	*	*	0	50	*	33	20
04	*	0	0	0	*	*	*	*	0	*	0	0	0
05	*	0	*	0	*	*	*	*	0	0	*	*	0
06	*	*	0	0	*	*	0	*	*	0	0	40	20
07	0	0	0	0	0	*	*	*	*	0	*	0	0
08	0	33	0	50	0	*	*	*	*	0	50	0	20
09	0	20	0	0	0	0	*	*	*	0	*	0	4
10	29	13	0	33	*	*	*	*	0	0	17	10	13
11	0	0	0	0	0	*	*	*	0	0	0	0	0
12	0	0	0	20	0	0	*	*	0	0	0	0	2
13	0	6	0	0	*	*	*	*	0	33	13	0	4
14	0	6	15	0	0	*	*	0	0	0	0	0	4
15	0	6	0	0	0	0	0	0	0	0	0	18	4
16	0	8	0	0	0	50	33	0	0	0	29	0	7
17	0	0	0	14	*	50	0	0	0	0	25	0	6
18	0	17	0	0	20	14	0	0	0	0	0	0	6
19	0	0	50	0	0	0	0	0	0	0	33	0	7
20	0	25	0	*	*	50	*	25	0	0	100	0	18
21	0	0	*	0	*	*	*	0	*	0	0	*	0
22	0	0	0	0	0	*	*	0	0	0	0	50	5
23	0	0	50	0	50	*	*	0	0	0	*	0	19
ALL	2	7	3	5	10	21	11	4	0	3	12	9	6

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

TABLE 34-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	0	*	*	0	*	0	0	0	0	0
01	0	0	0	0	*	*	*	0	*	0	0	0	0
02	0	*	0	*	0	*	*	*	*	*	0	0	0
03	0	0	0	*	*	*	*	*	0	0	*	0	0
04	*	0	0	0	*	*	*	*	0	*	0	0	0
05	*	0	*	0	*	*	*	*	0	0	*	*	0
06	*	*	0	0	*	*	0	*	*	0	0	0	0
07	0	0	0	0	0	*	*	*	*	0	*	0	0
08	0	0	0	0	0	*	*	*	*	0	0	0	0
09	0	0	0	0	0	0	*	*	*	0	*	0	0
10	0	0	0	0	*	*	*	*	0	0	0	0	0
11	0	0	0	0	0	*	*	*	0	0	0	0	0
12	0	0	0	0	0	0	*	*	0	0	0	0	0
13	0	0	0	0	*	*	*	*	0	0	0	0	0
14	0	0	0	0	0	*	*	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	*	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	50	0	0	0	0	0	0	0	0	4
20	0	0	0	*	*	0	*	0	0	0	0	0	0
21	0	0	*	0	*	*	*	0	*	0	0	*	0
22	0	0	0	0	0	*	*	0	0	0	0	0	0
23	0	0	0	0	0	*	*	0	0	0	*	0	0
ALL	0	0	0	1	0	0	0	0	0	0	0	0	0

TABLE 34-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	0	*	*	0	*	0	0	0	25	6
01	0	0	0	0	*	*	*	0	*	0	0	25	7
02	0	*	0	*	0	*	*	*	*	*	0	0	0
03	0	0	0	*	*	*	*	*	0	0	*	0	0
04	*	0	0	0	*	*	*	*	0	*	0	0	0
05	*	0	*	0	*	*	*	*	0	0	*	*	0
06	*	*	0	0	*	*	0	*	*	0	0	0	0
07	0	0	0	0	0	*	*	*	*	0	*	0	0
08	0	0	0	0	0	*	*	*	*	0	0	0	0
09	25	0	0	0	0	0	*	*	*	0	*	0	4
10	0	0	0	0	*	*	*	*	0	0	0	0	0
11	0	0	0	0	0	*	*	*	0	0	0	0	0
12	0	0	0	0	0	0	*	*	0	0	0	0	0
13	0	0	0	0	*	*	*	*	0	0	0	0	0
14	0	0	0	0	0	*	*	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	*	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	25	4
20	0	0	0	*	*	0	*	0	0	0	0	50	5
21	0	0	*	0	*	*	*	0	*	0	0	*	0
22	0	0	0	0	0	*	*	0	0	0	0	0	0
23	0	0	0	0	0	*	*	0	0	0	*	0	0
ALL	1	0	0	0	0	0	0	0	0	0	0	4	1

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 34-11 THRU 34-13:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	0	3	1	0	0	1	0	1	1	2	4	16
01	1	2	4	1	0	0	0	1	0	1	1	4	15
02	3	0	1	0	1	0	0	0	0	0	1	1	7
03	1	1	2	0	0	0	0	0	1	2	0	3	10
04	0	3	2	2	0	0	0	0	1	0	1	2	11
05	0	3	0	1	0	0	0	0	1	1	0	0	6
06	0	0	1	1	0	0	1	0	0	1	1	5	10
07	3	1	1	1	1	0	0	0	0	1	0	2	10
08	2	3	3	2	1	0	0	0	0	1	2	1	15
09	4	5	3	2	3	1	0	0	0	2	0	3	23
10	7	8	9	3	0	0	0	0	1	1	6	10	45
11	9	6	7	6	2	0	0	0	2	3	3	8	46
12	9	14	12	5	1	1	0	0	3	1	8	10	64
13	7	16	13	9	0	0	0	0	2	3	8	10	68
14	12	16	13	11	1	0	0	2	4	5	4	12	80
15	11	17	9	11	3	2	1	4	3	5	8	11	85
16	5	13	12	8	3	2	3	1	3	7	7	8	72
17	4	8	13	7	0	2	1	4	3	3	4	4	53
18	3	6	9	4	5	7	1	3	2	2	2	4	48
19	3	2	2	2	3	2	1	2	1	3	3	4	28
20	2	4	2	0	0	2	0	4	2	3	1	2	22
21	2	2	0	1	0	0	0	1	0	5	2	0	13
22	2	1	1	1	1	0	0	2	2	5	2	2	19
23	2	2	2	1	4	0	0	1	1	2	0	1	16
ALL	95	133	124	80	29	19	9	25	33	58	66	111	782

TABLE 34-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	0	*	0	*	0
01	0	*	0	*	*	*	*	*	*	*	*	0	0
02	0	*	0	*	*	*	*	*	*	*	*	100	33
03	0	*	0	*	*	*	*	*	*	0	*	*	0
04	*	*	0	*	*	*	*	*	0	*	*	0	0
05	*	0	*	*	*	*	*	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	0	0
07	*	*	*	*	*	*	*	*	*	*	*	0	0
08	*	0	*	50	*	*	*	*	*	*	*	0	25
09	*	0	0	0	*	*	*	*	*	*	*	0	0
10	50	25	0	0	*	*	*	*	0	0	0	0	14
11	0	0	0	0	0	*	*	*	*	*	*	0	0
12	0	0	0	0	*	0	*	*	*	0	0	0	0
13	0	10	0	0	*	*	*	*	0	100	0	0	7
14	0	0	0	0	*	*	*	*	0	*	0	0	0
15	0	0	0	*	*	*	*	*	0	*	*	33	9
16	0	25	0	*	*	100	50	*	0	*	33	0	27
17	*	*	*	0	*	100	*	*	*	*	*	0	25
18	*	100	0	0	*	0	*	0	*	0	0	0	8
19	0	0	*	0	*	0	*	0	*	0	*	*	0
20	*	*	*	*	*	*	*	0	*	0	100	*	25
21	0	*	*	*	*	*	*	*	*	0	0	*	0
22	*	*	*	*	0	*	*	*	0	0	*	0	0
23	0	0	100	*	*	*	*	*	0	0	*	*	20
ALL	5	11	4	7	0	40	50	0	0	7	12	5	8

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

TABLE 34-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	0	*	0	*	0
01	0	*	0	*	*	*	*	*	*	*	*	0	0
02	0	*	0	*	*	*	*	*	*	*	*	0	0
03	0	*	0	*	*	*	*	*	*	0	*	*	0
04	*	*	0	*	*	*	*	*	0	*	*	0	0
05	*	0	*	*	*	*	*	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	0	0
07	*	*	*	*	*	*	*	*	*	*	*	0	0
08	*	0	*	0	*	*	*	*	*	*	*	0	0
09	*	0	0	0	*	*	*	*	*	*	*	0	0
10	0	0	0	0	*	*	*	*	0	0	0	0	0
11	0	0	0	0	0	*	*	*	*	*	*	0	0
12	0	0	0	0	*	0	*	*	*	0	0	0	0
13	0	0	0	0	*	*	*	*	0	0	0	0	0
14	0	0	0	0	*	*	*	*	0	*	0	0	0
15	0	0	0	*	*	*	*	*	0	*	*	0	0
16	0	0	0	*	*	0	0	*	0	*	0	0	0
17	*	*	*	0	*	0	*	*	*	*	*	0	0
18	*	0	0	0	*	0	*	0	*	0	0	0	0
19	0	0	*	100	*	0	*	0	*	0	*	*	14
20	*	*	*	*	*	*	*	0	*	0	0	*	0
21	0	*	*	*	*	*	*	*	*	0	0	*	0
22	*	*	*	*	0	*	*	*	0	0	*	*	0
23	0	0	0	*	*	*	*	*	0	0	*	*	0
ALL	0	0	0	7	0	0	0	0	0	0	0	0	1

TABLE 34-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	0	*	0	*	0
01	0	*	0	*	*	*	*	*	*	*	*	0	0
02	0	*	0	*	*	*	*	*	*	*	*	0	0
03	0	*	0	*	*	*	*	*	*	0	*	*	0
04	*	*	0	*	*	*	*	*	0	*	*	0	0
05	*	0	*	*	*	*	*	*	*	*	*	*	0
06	*	*	*	*	*	*	*	*	*	*	*	0	0
07	*	*	*	*	*	*	*	*	*	*	*	0	0
08	*	0	*	0	*	*	*	*	*	*	*	0	0
09	*	0	0	0	*	*	*	*	*	*	*	0	0
10	0	0	0	0	*	*	*	*	0	0	0	0	0
11	0	0	0	0	0	*	*	*	*	*	*	0	0
12	0	0	0	0	*	0	*	*	*	0	0	0	0
13	0	0	0	0	*	*	*	*	0	0	0	0	0
14	0	0	0	0	*	*	*	*	0	*	0	0	0
15	0	0	0	*	*	*	*	*	0	*	*	0	0
16	0	0	0	*	*	0	0	*	0	*	0	0	0
17	*	*	*	0	*	0	*	*	*	*	*	0	0
18	*	0	0	0	*	0	*	0	*	0	0	0	0
19	0	0	*	0	*	0	*	0	*	0	*	*	0
20	*	*	*	*	*	*	*	0	*	0	0	*	0
21	0	*	*	*	*	*	*	*	*	0	0	*	0
22	*	*	*	*	0	*	*	*	0	0	0	*	0
23	0	0	0	*	*	*	*	*	0	0	*	*	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: TORREJON AB, SP

WMO #: 082270

RUNWAY HEADING: 050-230

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 34-14 THRU 34-16:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	1	0	1	0	2
01	1	0	1	0	0	0	0	0	0	0	0	1	3
02	1	0	1	0	0	0	0	0	0	0	0	1	3
03	1	0	2	0	0	0	0	0	0	1	0	0	4
04	0	0	1	0	0	0	0	0	1	0	0	1	3
05	0	1	0	0	0	0	0	0	0	0	0	0	1
06	0	0	0	0	0	0	0	0	0	0	0	1	1
07	0	0	0	0	0	0	0	0	0	0	0	2	2
08	0	1	0	2	0	0	0	0	0	0	0	1	4
09	0	2	2	1	0	0	0	0	0	0	0	2	7
10	2	4	1	1	0	0	0	0	1	1	1	3	14
11	3	1	2	1	1	0	0	0	0	0	0	3	11
12	1	5	4	2	0	1	0	0	0	1	4	3	21
13	1	10	4	3	0	0	0	0	1	1	3	7	30
14	3	2	3	2	0	0	0	0	1	0	1	2	14
15	2	4	1	0	0	0	0	0	1	0	0	3	11
16	1	4	1	0	0	1	2	0	1	0	3	2	15
17	0	0	0	1	0	1	0	0	0	0	0	2	4
18	0	1	4	1	0	1	0	1	0	1	1	2	12
19	1	1	0	1	0	1	0	1	0	2	0	0	7
20	0	0	0	0	0	0	0	1	0	2	1	0	4
21	1	0	0	0	0	0	0	0	0	2	2	0	5
22	0	0	0	0	1	0	0	0	1	2	0	1	5
23	1	1	1	0	0	0	0	0	1	1	0	0	5
ALL	19	37	28	15	2	5	2	3	9	14	17	37	188

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

TABLE 35-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	16	14	14	9	8	4	2	4	8	8	16	17	10
01	18	13	15	10	8	4	2	3	6	9	16	18	10
02	15	13	14	10	8	3	2	4	6	10	15	18	10
03	17	13	14	9	7	3	3	3	7	9	16	17	10
04	18	13	13	11	10	4	2	4	7	11	16	18	11
05	17	12	14	10	9	3	2	3	7	9	17	19	10
06	19	11	16	10	11	5	3	5	6	9	17	17	11
07	16	11	15	13	13	7	5	5	7	12	14	15	11
08	16	13	21	19	18	10	8	9	10	13	15	17	14
09	16	14	23	20	19	10	10	12	14	15	18	18	16
10	17	16	30	19	19	10	11	12	19	18	24	19	18
11	19	19	31	23	20	12	10	11	17	21	24	20	19
12	23	22	33	24	22	11	12	11	18	23	28	23	21
13	23	23	33	22	20	13	12	12	19	24	26	23	21
14	23	23	33	25	24	15	14	14	18	22	24	23	22
15	24	22	31	22	22	11	11	15	19	18	20	20	20
16	18	21	30	23	21	11	11	15	17	17	17	17	18
17	18	16	24	21	20	11	10	10	12	12	16	15	15
18	17	15	21	16	18	9	10	10	10	10	17	18	14
19	15	15	19	12	12	7	7	7	7	9	15	17	12
20	15	17	16	10	10	5	4	6	8	11	16	18	11
21	17	16	14	9	9	6	3	6	7	9	16	17	11
22	16	16	13	9	9	4	2	5	7	9	17	17	11
23	15	15	12	8	7	5	2	5	6	8	14	18	10
ALL	18	16	21	15	14	8	7	8	11	13	18	18	14

TABLE 35-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	6	7	3	2	1	1	1	3	3	8	9	4
01	9	6	6	4	3	1	1	1	3	4	7	9	5
02	7	7	7	4	2	2	1	2	2	4	7	10	5
03	8	6	5	4	2	2	1	1	3	4	7	9	4
04	9	6	4	4	1	1	0	1	3	5	6	8	4
05	9	6	5	3	3	1	0	1	2	4	7	8	4
06	8	5	7	5	3	1	0	1	2	5	7	7	4
07	8	5	6	5	5	1	1	1	3	5	6	6	4
08	8	7	9	8	7	2	2	3	4	7	6	8	6
09	8	6	9	8	7	3	3	3	4	8	9	7	6
10	10	8	14	10	7	3	2	4	6	8	10	9	8
11	10	8	15	9	9	3	3	4	7	10	11	9	8
12	11	9	17	10	11	4	4	2	7	11	15	11	9
13	12	10	17	7	9	5	3	7	6	10	12	9	9
14	11	10	16	10	10	4	4	6	7	11	12	9	9
15	11	8	13	9	10	3	4	5	6	8	10	9	8
16	9	10	13	10	7	3	3	5	7	8	10		8
17	7	9	11	10	7	3	3	4	5	5	8	9	7
18	7	8	9	8	7	2	3	2	5	5	9	9	6
19	8	7	9	4	4	2	2	2	4	4	7	8	5
20	7	9	8	4	5	1	1	3	3	5	8	9	5
21	8	8	8	4	3	1	0	1	3	5	8	7	5
22	8	6	6	3	4	1	0	1	3	4	8	9	5
23	9	6	7	3	2	2	0	1	2	3	7	9	4
ALL	9	7	10	6	5	2	2	3	4	6	9	9	6

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

TABLE 35-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	4	4	1	0	0	0	1	1	1	3	4	2
01	5	3	2	2	0	1	0	0	2	1	3	5	2
02	5	3	2	1	0	0	0	1	1	2	3	4	2
03	3	3	3	1	0	1	0	1	1	1	4	4	2
04	4	3	2	1	0	0	0	0	1	2	2	4	2
05	4	2	2	2	1	1	0	0	1	2	3	3	2
06	3	3	3	1	0	0	0	0	1	2	3	3	2
07	4	2	3	2	1	0	0	0	0	3	3	2	2
08	4	3	3	4	1	0	1	0	1	3	3	3	2
09	4	3	4	3	2	0	0	1	2	4	5	3	3
10	5	4	5	4	3	1	1	1	2	3	6	5	3
11	5	4	6	4	3	1	0	1	2	6	6	5	4
12	6	4	7	3	4	1	1	2	2	5	6	5	4
13	6	5	9	3	4	2	0	1	2	5	5	5	4
14	4	4	7	3	4	1	0	1	2	4	5	4	3
15	5	3	5	3	4	1	0	2	3	3	4	3	3
16	4	5	5	4	2	1	0	2	2	2	5	3	3
17	4	5	6	4	1	1	0	1	2	2	4	4	3
18	3	3	4	3	2	1	1	1	2	2	5	4	2
19	4	3	3	1	1	0	0	1	2	1	3	4	2
20	4	4	4	1	1	0	0	1	1	2	3	3	2
21	4	2	3	2	1	0	0	0	1	1	4	3	2
22	5	3	3	1	0	0	0	1	2	1	3	3	2
23	6	3	5	1	0	0	0	0	1	1	3	4	2
ALL	4	3	4	2	2	0	0	1	2	2	4	4	2

TABLE 35-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	1	2	0	0	0	0	0	0	0	1	1	1
01	3	1	1	1	0	0	0	0	0	0	2	3	1
02	3	1	1	0	0	0	0	0	0	0	1	1	1
03	2	1	1	0	0	0	0	0	0	1	1	2	1
04	3	1	1	0	0	0	0	0	0	1	1	1	1
05	2	2	1	0	0	0	0	0	0	1	0	1	1
06	2	1	1	0	0	0	0	0	0	1	1	1	1
07	3	1	1	1	0	0	0	0	0	1	0	1	1
08	2	2	1	0	0	0	0	0	0	0	1	2	1
09	2	2	1	1	0	0	0	0	0	1	1	2	1
10	2	2	2	1	1	0	0	0	1	1	2	2	1
11	3	3	3	1	1	1	0	0	2	1	3	2	2
12	3	3	2	1	1	0	0	0	1	1	3	1	1
13	3	3	3	1	1	0	0	0	0	1	2	2	1
14	3	2	3	2	1	1	0	0	1	2	3	1	1
15	3	3	2	1	1	0	0	0	0	1	2	1	1
16	2	3	2	1	1	0	0	0	1	0	1	1	1
17	2	2	2	1	1	0	0	0	1	1	1	2	1
18	1	1	1	0	1	0	0	0	1	0	2	2	1
19	2	1	2	0	0	0	0	0	1	0	1	1	1
20	2	2	1	0	0	0	0	0	0	0	1	2	1
21	1	1	1	1	0	0	0	0	0	0	2	1	1
22	2	2	2	0	0	0	0	0	1	0	2	1	1
23	2	1	2	1	0	0	0	0	1	0	1	1	1
ALL	2	2	2	1	0	0	0	0	1	1	2	2	1

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 35-1 THRU 35-4:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	420	386	407	415	395	383	398	407	415	430	412	430	4898
01	430	392	411	411	397	382	398	403	414	425	416	427	4906
02	428	391	408	416	401	381	397	404	414	429	414	427	4910
03	429	391	410	416	397	380	397	405	415	426	418	427	4911
04	432	390	408	416	395	385	401	402	413	425	416	427	4910
05	428	392	409	419	398	383	401	410	415	427	419	428	4929
06	431	389	414	417	395	387	401	411	415	425	418	429	4932
07	430	391	412	418	400	384	401	406	417	424	414	426	4923
08	429	394	411	408	399	382	402	408	416	426	419	426	4920
09	427	388	410	413	397	383	401	409	416	422	416	424	4906
10	431	391	411	410	396	380	402	413	416	424	415	422	4911
11	427	391	410	411	395	382	405	408	413	424	415	424	4906
12	427	390	406	414	400	385	402	410	412	424	412	425	4907
13	425	393	410	414	399	385	404	409	413	420	416	428	4916
14	427	392	409	415	390	379	404	405	410	424	418	426	4899
15	432	392	412	414	394	385	404	404	416	423	415	430	4921
16	428	393	408	412	400	382	401	407	414	428	414	434	4921
17	426	393	411	416	400	385	402	405	418	426	415	431	4928
18	429	389	408	419	399	383	398	405	413	425	414	431	4913
19	428	392	409	417	401	382	399	405	418	424	417	432	4924
20	429	392	411	418	400	387	401	406	417	421	415	427	4924
21	431	392	409	419	401	382	400	405	417	422	419	429	4926
22	429	390	413	419	401	385	401	404	417	426	415	426	4926
23	430	391	411	416	401	383	399	405	414	425	415	433	4923
		9385		9963		9195		9756		10195		10269	
ALL	10283		9838		9552		9619		9958		9977		113490

TABLE 35-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	15	26	31	25	27	29	14	28	12	14	20	19	22
01	24	10	31	21	23	29	14	46	29	11	25	25	23
02	20	27	28	20	19	23	50	31	21	19	25	21	23
03	19	16	28	14	14	42	17	17	18	25	21	24	21
04	24	18	26	26	13	13	25	20	33	16	22	29	23
05	21	17	32	31	17	18	14	21	25	23	28	23	24
06	21	23	35	29	12	22	9	32	24	25	22	25	24
07	28	29	40	27	12	26	16	20	10	24	23	21	24
08	25	30	28	16	14	20	6	18	21	27	19	32	22
09	31	30	25	13	13	13	10	15	15	23	18	29	20
10	25	23	17	13	17	15	5	16	13	21	17	28	18
11	23	22	18	16	10	11	5	15	19	13	16	21	17
12	23	17	21	15	16	7	6	16	18	14	14	17	16
13	24	17	22	11	14	8	10	16	12	16	12	21	16
14	18	21	17	11	16	11	7	17	12	16	17	20	16
15	26	18	18	13	14	16	20	12	12	29	19	22	18
16	21	27	27	15	11	15	11	17	11	19	24	24	19
17	24	25	30	22	13	7	17	10	18	28	29	19	21
18	24	20	33	20	18	22	8	7	23	25	22	15	21
19	27	17	27	24	16	15	19	11	32	16	25	20	22
20	25	20	22	23	18	29	7	26	42	13	22	22	22
21	24	22	29	8	14	29	8	23	32	10	28	21	22
22	24	27	24	14	5	35	20	27	48	15	25	15	22
23	20	21	29	18	20	26	14	19	31	14	28	14	21
ALL	23	22	25	17	15	17	11	17	20	19	21	22	20

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

TABLE 35-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	8	0	0	0	0	0	0	0	0	0	0	1
01	1	8	3	0	0	0	0	0	0	0	0	1	2
02	3	8	5	2	0	0	0	0	0	0	0	0	2
03	1	10	2	3	0	0	0	0	0	0	0	0	2
04	1	12	4	2	0	0	0	0	0	0	0	0	2
05	1	11	4	3	0	0	0	0	0	0	0	0	2
06	3	9	2	2	0	0	0	0	0	0	1	0	2
07	4	7	8	2	0	0	0	0	0	0	0	0	2
08	3	8	7	1	0	0	0	0	0	0	0	1	2
09	3	11	3	1	0	0	0	0	0	0	0	4	2
10	5	5	4	3	0	0	0	0	0	0	0	3	2
11	4	9	3	3	0	0	0	0	0	0	0	0	2
12	2	7	2	4	0	0	0	0	0	0	0	1	2
13	5	8	2	1	0	0	0	0	0	0	1	1	2
14	5	4	4	2	0	0	0	0	0	0	1	1	2
15	2	3	2	2	0	0	0	0	0	0	0	2	1
16	8	8	2	1	0	0	0	0	0	0	0	3	2
17	3	5	1	3	0	0	0	0	0	0	0	2	1
18	1	5	2	0	0	0	0	0	0	0	0	3	1
19	2	9	3	2	0	0	0	0	0	0	0	4	2
20	5	8	1	0	0	0	0	0	0	0	0	1	2
21	1	5	2	3	0	0	0	0	0	0	0	1	1
22	3	2	2	0	0	0	0	0	0	0	0	0	1
23	2	5	0	0	0	0	0	0	0	0	0	0	1
ALL	3	7	3	2	0	0	0	0	0	0	0	1	2

TABLE 35-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	11	3	5	0	0	0	0	0	0	2	1	4
01	9	12	6	7	0	0	0	0	0	0	2	3	5
02	13	8	5	5	0	0	0	0	0	0	2	1	4
03	7	12	7	5	0	0	0	0	0	0	1	0	4
04	4	10	7	2	0	0	0	0	0	0	2	1	3
05	4	13	11	2	0	0	0	0	0	0	1	3	4
06	4	9	9	2	0	0	0	0	0	0	0	0	3
07	7	10	5	0	0	0	0	0	0	0	0	0	2
08	4	10	3	1	0	0	0	0	0	0	0	0	2
09	1	16	3	0	0	0	0	0	0	0	0	3	2
10	3	7	3	0	0	0	0	0	0	0	2	1	1
11	4	11	2	0	0	0	0	0	0	0	0	1	2
12	3	13	2	0	0	0	0	0	0	0	0	3	2
13	3	12	1	0	0	0	0	0	0	0	0	3	2
14	4	13	1	0	0	0	0	0	0	0	0	3	2
15	4	8	1	2	0	0	0	0	0	0	0	3	2
16	6	15	1	0	0	0	0	0	0	0	0	4	2
17	4	13	1	0	0	0	0	0	0	0	0	5	2
18	3	10	1	0	0	0	0	0	0	0	0	6	2
19	2	16	1	0	0	0	0	0	0	0	0	4	2
20	5	9	4	2	0	0	0	0	0	0	2	3	3
21	7	10	2	0	0	0	0	0	0	0	2	4	3
22	6	13	2	0	0	0	0	0	0	0	1	3	3
23	9	12	2	3	0	0	0	0	0	0	2	4	4
ALL	5	11	3	1	0	0	0	0	0	0	1	3	2

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 35-5 THRU 35-7:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	66	53	58	37	30	17	7	18	33	36	66	73	494
01	76	50	62	43	30	17	7	13	24	37	65	77	501
02	64	49	57	42	32	13	6	16	24	42	64	75	484
03	75	52	56	39	29	12	12	12	27	40	68	71	493
04	76	52	54	45	39	15	8	14	27	45	66	76	517
05	70	46	57	41	35	11	7	14	28	38	71	80	498
06	80	43	67	43	42	18	11	19	25	39	69	73	529
07	69	42	62	55	52	27	19	20	29	49	60	66	550
08	68	50	86	79	72	40	33	38	43	54	63	72	698
09	69	56	96	81	75	40	42	47	59	62	73	76	776
10	75	61	125	78	75	39	43	51	78	78	99	79	881
11	83	73	127	92	80	44	42	46	72	87	98	85	929
12	97	87	132	99	87	42	47	45	76	97	115	99	1023
13	97	91	134	93	79	48	48	50	77	100	107	97	1021
14	100	90	137	101	94	55	55	58	73	92	102	96	1053
15	101	84	128	91	87	43	46	60	77	78	85	88	968
16	77	82	122	93	85	41	45	63	70	73	72	74	897
17	75	63	99	86	78	41	41	42	50	50	66	64	755
18	71	60	84	65	71	36	39	42	42	44	69	78	701
19	63	58	76	48	50	26	27	27	31	38	64	74	582
20	66	65	67	42	38	21	15	23	33	45	65	77	557
21	72	62	59	38	35	24	12	26	31	39	65	75	538
22	69	63	55	37	38	17	10	22	29	39	71	72	522
23	66	59	51	34	30	19	7	21	26	35	58	77	483
		1491		1502		706		787		1337		1874	
ALL	1825		2051		1363		629		1084		1801		16450

TABLE 35-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	26	41	50	31	14	67	0	33	27	23	34	21	31
01	32	17	35	29	30	20	50	50	25	12	34	31	29
02	28	42	37	29	25	29	67	57	30	29	40	19	32
03	29	24	38	19	13	67	0	17	33	38	34	25	29
04	36	36	28	13	0	0	0	67	42	15	30	31	29
05	29	22	48	31	10	0	*	50	40	28	32	26	30
06	26	28	54	26	15	40	50	33	38	33	29	32	32
07	32	24	46	30	16	40	50	33	25	20	39	23	30
08	31	24	51	24	25	25	11	18	27	34	24	31	30
09	41	24	34	12	18	0	9	29	28	31	19	41	26
10	31	22	17	18	19	17	10	27	19	21	24	42	23
11	33	26	17	21	9	36	0	19	21	20	23	33	22
12	33	17	30	21	12	13	13	10	21	19	16	23	21
13	32	28	26	14	6	6	9	22	12	23	10	30	20
14	22	23	25	16	25	29	0	17	14	29	16	23	21
15	35	22	19	24	8	25	20	10	22	45	24	25	24
16	35	26	28	25	15	25	7	16	10	21	37	28	25
17	34	24	37	30	12	20	45	13	29	32	41	24	29
18	27	28	32	31	17	25	30	0	30	26	26	18	25
19	33	24	26	39	22	25	17	11	33	33	25	34	29
20	41	26	16	33	11	40	25	18	54	25	29	26	28
21	29	26	32	12	21	60	0	25	55	16	34	28	29
22	26	32	35	29	0	25	100	17	55	27	41	18	28
23	28	21	36	38	22	33	0	67	30	23	35	17	28
ALL	31	26	31	24	15	24	17	21	26	26	28	27	26

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

TABLE 35-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	5	0	0	0	0	0	0	0	0	0	0	1
01	0	13	4	0	0	0	0	0	0	0	0	0	2
02	0	8	4	6	0	0	0	0	0	0	0	0	2
03	0	12	0	6	0	0	0	0	0	0	0	0	2
04	0	18	0	7	0	0	0	0	0	0	0	0	2
05	3	17	5	8	0	0	*	0	0	0	0	0	3
06	3	17	0	5	0	0	0	0	0	0	0	0	2
07	3	14	15	5	0	0	0	0	0	0	0	0	4
08	3	10	6	3	0	0	0	0	0	0	0	3	3
09	0	16	3	3	0	0	0	0	0	0	0	3	2
10	7	6	5	3	0	0	0	0	0	0	0	0	2
11	5	10	5	6	0	0	0	0	0	0	0	0	3
12	0	11	3	8	0	0	0	0	0	0	0	0	2
13	2	11	1	0	0	0	0	0	0	0	2	0	2
14	9	5	3	3	0	0	0	0	0	0	0	0	2
15	2	3	0	3	0	0	0	0	0	0	0	3	1
16	3	8	2	3	0	0	0	0	0	0	0	3	2
17	0	9	2	3	0	0	0	0	0	0	0	3	2
18	3	9	0	0	0	0	0	0	0	0	0	5	2
19	3	10	0	6	0	0	0	0	0	0	0	6	3
20	0	12	3	0	0	0	0	0	0	0	0	3	2
21	0	3	3	6	0	0	0	0	0	0	0	3	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	8	0	0	0	0	0	0	0	0	0	0	1
ALL	2	9	3	3	0	0	0	0	0	0	0	1	2

TABLE 35-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	5	0	7	0	0	0	0	0	0	0	0	1
01	0	9	4	12	0	0	0	0	0	0	0	0	2
02	6	12	7	12	0	0	0	0	0	0	0	0	4
03	3	8	10	6	0	0	0	0	0	0	0	0	3
04	3	5	6	0	0	0	0	0	0	0	0	3	2
05	0	9	14	0	0	0	*	0	0	0	0	0	2
06	0	11	0	0	0	0	0	0	0	0	0	0	1
07	3	10	8	0	0	0	0	0	0	0	0	0	2
08	3	10	3	0	0	0	0	0	0	0	0	0	2
09	3	8	5	0	0	0	0	0	0	0	0	3	2
10	0	3	5	0	0	0	0	0	0	0	0	0	1
11	2	6	3	0	0	0	0	0	0	0	0	0	1
12	0	14	1	0	0	0	0	0	0	0	0	2	2
13	0	8	1	0	0	0	0	0	0	0	0	3	1
14	4	7	1	0	0	0	0	0	0	0	0	0	1
15	2	10	0	3	0	0	0	0	0	0	0	3	2
16	3	10	2	0	0	0	0	0	0	0	0	3	2
17	3	14	2	0	0	0	0	0	0	0	0	5	3
18	3	12	3	0	0	0	0	0	0	0	0	10	3
19	3	7	0	0	0	0	0	0	0	0	0	6	2
20	3	15	3	0	0	0	0	0	0	0	0	3	3
21	0	6	3	0	0	0	0	0	0	0	0	0	1
22	0	8	4	0	0	0	0	0	0	0	0	3	2
23	5	8	0	8	0	0	0	0	0	0	3	2	3
ALL	2	9	3	1	0	0	0	0	0	0	0	2	2

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 35-8 THRU 35-10:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	32	22	28	14	7	3	3	6	11	13	32	39	210
01	37	23	26	17	10	5	2	4	12	17	29	39	221
02	32	26	27	17	8	7	3	7	10	17	30	43	227
03	34	25	21	16	8	6	3	6	12	16	29	40	216
04	39	22	18	17	5	5	1	3	12	20	27	36	205
05	37	23	21	14	10	3	0	4	10	17	31	35	205
06	34	18	28	19	13	5	2	6	8	21	31	28	213
07	34	21	26	20	19	5	4	6	12	20	23	26	216
08	33	29	35	34	28	8	9	11	15	29	25	32	288
09	35	25	38	33	28	11	11	14	18	32	36	29	310
10	42	32	59	40	27	12	10	15	26	33	42	38	376
11	44	31	60	36	34	11	13	16	28	41	44	40	398
12	49	36	69	39	42	15	16	19	29	47	62	48	462
13	51	38	70	31	35	17	11	27	26	43	48	40	437
14	47	41	67	40	40	14	15	24	29	44	51	40	452
15	47	31	54	37	39	12	15	20	27	33	41	40	396
16	38	40	55	40	27	12	14	19	30	34	41	32	382
17	30	35	47	40	26	10	11	16	21	22	32	38	328
18	30	33	37	32	29	8	10	10	20	23	38	39	309
19	33	29	35	18	18	8	6	9	18	15	28	35	252
20	30	34	31	15	18	5	4	11	13	20	35	38	254
21	35	31	31	17	14	5	1	4	11	19	32	32	232
22	36	25	26	14	16	4	2	6	11	14	32	40	226
23	40	24	28	13	9	6	1	3	10	13	31	41	219
ALL	899	694	937	613	510	197	167	257	419	603	850	888	7034

TABLE 35-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	43	53	40	0	100	0	25	40	67	42	25	39
01	39	20	56	29	100	0	100	0	43	40	29	27	34
02	39	55	44	0	*	*	100	67	50	33	46	16	38
03	43	18	45	25	0	100	*	33	33	33	47	29	37
04	42	30	44	17	*	*	0	100	100	13	22	32	34
05	35	33	67	38	0	0	*	50	33	43	50	23	38
06	36	40	73	20	0	*	*	0	100	63	15	46	43
07	37	44	69	33	33	100	50	50	50	36	29	40	42
08	33	20	55	27	40	100	0	0	50	36	27	43	35
09	44	42	40	18	29	0	0	33	25	33	21	50	33
10	38	13	15	35	30	33	0	33	22	21	17	53	27
11	29	20	23	20	23	67	0	0	40	13	31	33	25
12	43	31	36	36	18	0	0	0	33	29	12	29	27
13	42	39	29	15	6	0	0	50	20	25	5	38	26
14	28	35	23	17	24	0	0	25	22	44	15	22	25
15	48	31	21	23	13	40	0	11	42	43	28	31	30
16	50	41	48	40	13	25	100	14	11	40	45	33	38
17	50	30	52	43	20	100	100	20	29	40	35	24	39
18	42	40	40	46	22	100	25	0	29	25	37	33	36
19	36	36	33	20	33	*	*	25	63	33	21	47	36
20	47	40	29	33	50	0	0	0	60	38	21	36	35
21	37	22	50	14	50	*	*	*	25	75	38	54	40
22	32	36	50	50	0	*	*	33	71	75	50	15	40
23	25	36	40	60	50	*	0	0	33	67	54	12	34
ALL	38	33	39	29	22	35	21	25	38	34	29	32	33

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

TABLE 35-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	7	0	0	0	0	0	0	0	0	0	0	1
01	0	10	0	0	0	0	0	0	0	0	0	0	1
02	0	9	0	20	*	*	0	0	0	0	0	0	2
03	0	18	0	25	0	0	*	0	0	0	0	0	3
04	0	10	0	17	*	*	0	0	0	0	0	0	2
05	6	22	0	13	0	0	*	0	0	0	0	0	5
06	7	10	0	20	0	*	*	0	0	0	0	0	4
07	0	11	8	11	0	0	0	0	0	0	0	0	3
08	7	0	0	7	0	0	0	0	0	0	0	0	2
09	0	8	0	0	0	0	0	0	0	0	0	7	2
10	5	7	0	6	0	0	0	0	0	0	0	0	2
11	0	13	4	7	0	0	0	0	0	0	0	0	2
12	0	13	0	0	0	0	0	0	0	0	0	0	1
13	4	11	0	0	0	0	0	0	0	0	5	0	2
14	11	6	0	8	0	0	0	0	0	0	0	0	2
15	0	0	0	8	0	0	0	0	0	0	0	8	1
16	0	0	5	7	0	0	0	0	0	0	0	7	2
17	0	5	0	7	0	0	0	0	0	0	0	6	2
18	0	10	0	0	0	0	0	0	0	0	0	6	2
19	0	9	0	20	0	*	*	0	0	0	0	6	3
20	0	0	6	0	0	0	0	0	0	0	0	7	2
21	0	0	0	14	0	*	*	*	0	0	0	0	1
22	0	0	0	0	0	*	*	0	0	0	0	0	0
23	0	9	0	0	0	*	0	0	0	0	0	0	1
ALL	2	8	1	7	0	0	0	0	0	0	0	2	2

TABLE 35-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	7	0	20	0	0	0	0	0	0	0	0	2
01	0	0	0	14	0	0	0	0	0	0	0	0	1
02	0	9	0	0	*	*	0	0	0	0	0	0	1
03	7	0	0	0	0	0	*	0	0	0	0	0	1
04	0	0	0	0	*	*	0	0	0	0	0	5	1
05	0	0	0	0	0	0	*	0	0	0	0	0	0
06	0	0	0	0	0	*	*	0	0	0	0	0	0
07	5	11	0	0	0	0	0	0	0	0	0	0	2
08	6	10	0	0	0	0	0	0	0	0	0	0	2
09	6	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	7	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	5	6	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	7	0	0	0	0	0	0	0	8	1
16	0	0	0	0	0	0	0	0	0	0	0	7	1
17	0	5	0	0	0	0	0	0	0	0	0	6	1
18	0	10	0	0	0	0	0	0	0	0	0	11	3
19	0	9	0	0	0	*	*	0	0	0	0	0	1
20	5	0	6	0	0	0	0	0	0	0	0	0	2
21	0	11	0	0	0	*	*	*	0	0	0	0	1
22	0	9	0	0	0	*	*	0	0	0	0	0	1
23	0	9	0	20	0	*	0	0	0	0	0	0	2
ALL	1	4	0	2	0	0	0	0	0	0	0	2	1

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 35-11 THRU 35-13:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	22	14	17	5	1	1	1	4	5	3	12	16	101
01	23	10	9	7	1	2	1	1	7	5	14	22	102
02	23	11	9	5	0	0	1	6	4	9	13	19	100
03	14	11	11	4	1	2	0	3	3	6	15	17	87
04	19	10	9	6	0	0	1	1	3	8	9	19	85
05	17	9	9	8	2	2	0	2	3	7	14	13	86
06	14	10	11	5	1	0	0	1	3	8	13	13	79
07	19	9	13	9	3	1	2	2	2	11	14	10	95
08	16	10	11	15	5	1	3	1	4	11	11	14	102
09	16	12	15	11	7	1	2	6	8	15	19	14	126
10	21	15	20	18	10	3	4	6	9	14	24	19	163
11	22	15	26	16	13	3	2	3	10	24	26	21	181
12	24	16	28	12	17	3	3	7	9	21	25	21	186
13	25	19	35	14	17	5	1	6	10	20	21	21	194
14	19	17	30	14	17	4	2	4	9	15	20	18	169
15	21	12	19	14	15	5	1	9	12	14	18	13	153
16	16	18	21	15	8	4	1	7	9	10	22	15	146
17	16	20	23	15	5	2	2	5	7	10	17	17	139
18	12	10	15	13	9	2	4	3	7	8	19	18	120
19	15	11	12	5	6	0	0	4	8	3	14	17	95
20	19	14	17	6	4	1	2	3	5	8	14	14	107
21	19	9	14	7	6	0	0	0	4	4	16	13	92
22	22	11	12	4	2	0	0	3	7	4	14	13	92
23	24	11	20	5	2	0	1	1	6	3	13	17	103
ALL	458	304	406	233	152	42	34	88	154	241	397	394	2903

TABLE 35-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	75	63	50	*	*	*	0	0	100	50	17	47
01	50	40	50	33	*	0	*	*	*	0	29	31	37
02	38	75	0	0	*	*	*	*	100	0	50	0	33
03	29	40	67	0	*	100	*	0	0	25	40	29	33
04	45	50	50	0	*	*	*	100	100	25	40	50	46
05	33	33	67	0	*	*	*	*	100	50	50	25	42
06	43	50	50	0	*	*	*	*	*	100	40	60	50
07	38	40	75	20	100	100	*	*	*	67	50	33	45
08	29	17	25	0	100	*	*	*	50	*	33	50	33
09	50	33	50	25	100	*	*	*	50	25	33	50	42
10	60	17	14	50	50	*	0	0	40	33	10	63	35
11	25	10	14	0	67	50	*	*	57	25	27	29	26
12	27	25	33	25	67	0	0	0	50	50	23	67	33
13	45	50	36	20	0	0	*	0	50	33	0	43	31
14	36	57	31	20	0	0	*	0	20	57	9	40	30
15	64	30	33	40	20	0	*	100	100	25	14	20	38
16	63	50	60	50	0	*	100	0	0	0	17	20	40
17	50	38	67	0	0	*	100	0	33	0	33	22	35
18	50	25	50	0	33	*	*	*	33	0	14	40	32
19	29	33	57	0	*	*	*	0	67	0	40	60	41
20	71	50	33	50	*	*	*	*	100	50	20	43	48
21	50	0	100	25	*	*	*	*	0	50	43	67	51
22	33	17	63	100	0	*	*	0	50	100	57	20	43
23	22	25	56	67	100	*	*	0	25	0	100	0	40
ALL	43	36	46	27	34	30	50	13	42	37	30	37	38

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

TABLE 35-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	*	*	0	0	0	0	0	0
01	0	0	0	0	*	0	*	*	*	0	0	0	0
02	0	0	0	50	*	*	*	*	0	0	0	0	3
03	0	0	0	50	*	0	*	0	0	0	0	0	3
04	0	0	0	100	*	*	*	0	0	0	0	0	3
05	0	0	0	100	*	*	*	*	0	0	0	0	3
06	0	0	0	50	*	*	*	*	*	0	0	0	3
07	0	0	0	20	0	0	*	*	*	0	0	0	3
08	0	0	0	50	0	*	*	*	0	*	0	0	3
09	0	17	0	0	0	*	*	*	0	0	0	13	5
10	0	17	0	0	0	*	0	0	0	0	0	0	2
11	0	10	7	33	0	0	*	*	0	0	0	0	4
12	0	8	0	0	0	0	0	0	0	0	0	0	1
13	0	20	0	0	0	0	*	0	0	0	0	0	3
14	18	14	0	0	0	0	*	0	0	0	0	0	4
15	0	0	0	0	0	0	*	0	0	0	0	0	0
16	0	0	10	0	0	*	0	0	0	0	0	0	2
17	0	0	0	33	0	*	0	0	0	0	0	11	4
18	0	0	0	0	0	*	*	*	0	0	0	10	2
19	0	0	0	0	*	*	*	0	0	0	0	20	3
20	0	0	0	0	*	*	*	*	0	0	0	0	0
21	0	0	0	25	*	*	*	*	0	0	0	0	3
22	0	0	0	0	0	*	*	0	0	0	0	0	0
23	0	0	0	0	0	*	*	0	0	0	0	0	0
ALL	1	5	1	14	0	0	0	0	0	0	0	3	2

TABLE 35-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	50	*	*	*	0	0	0	0	0	3
01	0	0	0	0	*	0	*	*	*	0	0	0	0
02	0	0	0	0	*	*	*	*	0	0	0	0	0
03	0	0	0	0	*	0	*	0	0	0	0	0	0
04	0	0	0	0	*	*	*	0	0	0	0	0	0
05	0	0	0	0	*	*	*	*	0	0	0	0	0
06	0	0	0	0	*	*	*	*	*	0	0	0	0
07	8	0	0	0	0	0	*	*	*	0	0	0	3
08	14	17	0	0	0	*	*	*	0	*	0	0	6
09	13	0	0	0	0	*	*	*	0	0	0	0	2
10	0	0	0	0	0	*	0	0	0	0	0	0	0
11	0	0	0	0	0	0	*	*	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	*	*	0	0	0	0	0	0
14	0	0	0	0	0	0	*	0	0	0	0	0	0
15	0	0	0	0	0	0	*	0	0	0	0	0	0
16	0	0	0	0	0	*	0	0	0	0	0	0	0
17	0	0	0	0	0	*	0	0	0	0	0	11	2
18	0	0	0	0	0	*	*	*	0	0	0	20	5
19	0	0	0	0	*	*	*	0	0	0	0	0	0
20	0	0	0	0	*	*	*	*	0	0	0	0	0
21	0	0	0	0	*	*	*	*	0	0	0	0	0
22	0	17	0	0	0	*	*	0	0	0	0	0	2
23	0	0	0	0	0	*	*	0	0	0	0	0	0
ALL	1	1	0	1	0	0	0	0	0	0	0	2	1

STATION: RAF UPPER HEYFORD, UK WMO #: 036553 RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 35-14 THRU 35-16:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	4	8	2	0	0	0	1	2	1	4	6	36
01	14	5	4	3	0	1	0	0	0	2	7	13	49
02	13	4	3	2	0	0	0	0	1	1	6	6	36
03	7	5	3	2	0	1	0	1	1	4	5	7	36
04	11	4	4	1	0	0	0	1	1	4	5	4	35
05	9	6	6	1	0	0	0	0	1	4	2	4	33
06	7	4	4	2	0	0	0	0	0	3	5	5	30
07	13	5	4	5	1	1	0	0	0	3	2	6	40
08	7	6	4	2	1	0	0	0	2	0	3	8	33
09	8	6	4	4	1	0	0	0	2	4	6	8	43
10	10	6	7	3	4	0	1	1	5	3	10	8	58
11	12	10	14	4	3	2	0	0	7	4	11	7	74
12	11	12	9	5	3	1	1	1	4	4	13	6	70
13	11	10	11	6	5	0	0	2	2	6	8	7	68
14	12	7	13	7	3	2	0	1	5	6	11	5	72
15	14	9	9	5	5	1	0	1	2	4	7	5	62
16	8	10	10	6	2	0	1	2	4	1	6	5	55
17	8	8	9	3	2	0	1	2	3	3	3	9	51
18	6	4	4	2	3	0	0	0	3	2	7	10	41
19	7	3	7	1	0	0	0	1	3	2	5	5	34
20	7	6	3	2	0	0	0	0	1	2	5	7	33
21	6	2	6	4	0	0	0	0	2	2	7	6	35
22	9	6	8	2	1	0	0	1	4	1	7	5	44
23	9	4	9	3	1	0	0	1	4	1	5	5	42
ALL	227	146	163	77	35	9	4	16	59	67	150	157	1110

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

TABLE 36-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	2	3	0	1	1	1	0	1	3	2	7	2
01	4	0	4	2	3	2	0	0	1	4	0	7	2
02	2	0	6	1	1	0	4	0	2	4	2	3	2
03	4	3	3	1	3	2	1	0	4	7	0	8	3
04	3	2	4	1	2	2	3	2	1	7	2	2	2
05	1	2	6	1	2	1	0	2	1	3	2	3	2
06	3	2	7	4	3	2	2	1	1	1	3	6	3
07	2	2	7	3	3	4	2	2	2	3	2	1	3
08	4	0	4	8	4	4	1	1	2	0	2	3	3
09	2	4	7	8	4	4	1	3	4	4	3	5	4
10	3	5	8	9	4	1	3	4	5	3	2	3	4
11	3	5	11	10	5	6	2	1	4	3	3	5	5
12	6	3	10	9	6	5	5	3	5	4	6	8	6
13	7	7	8	11	9	4	5	5	4	3	4	3	6
14	7	5	10	11	7	7	4	3	5	5	8	3	6
15	6	6	12	18	10	6	6	4	2	6	4	6	7
16	5	4	15	14	8	5	3	4	5	4	6	3	6
17	4	4	6	9	3	4	5	3	2	4	5	3	4
18	1	3	5	8	2	2	1	5	3	1	5	7	4
19	2	3	4	7	2	1	2	1	1	1	4	4	3
20	2	1	2	4	3	1	2	1	1	1	2	5	2
21	4	1	2	0	3	4	1	1	1	2	3	2	2
22	2	2	4	3	1	1	1	2	1	2	0	7	2
23	3	1	5	1	1	6	1	0	1	2	2	5	2
ALL	4	3	7	7	4	3	2	2	3	3	3	4	4

TABLE 36-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	1	0	0	0	0	0	0	0
01	2	0	2	0	0	1	0	0	0	0	0	0	1
02	1	0	2	0	0	0	3	0	0	3	0	2	1
03	1	1	1	1	0	0	1	0	0	1	0	3	1
04	1	1	2	0	1	0	0	2	1	1	0	1	1
05	1	0	2	1	0	1	0	1	0	0	1	0	0
06	1	0	2	1	0	1	0	1	0	1	0	1	1
07	0	0	1	1	1	0	1	0	1	0	2	1	1
08	0	0	2	1	1	1	0	0	0	0	0	1	1
09	1	1	2	2	1	1	0	0	1	0	1	1	1
10	1	1	2	3	1	1	1	2	1	0	2	0	1
11	2	1	3	1	1	3	1	1	1	0	1	1	1
12	2	2	7	4	3	1	0	1	1	1	2	2	2
13	4	0	4	4	2	1	2	1	2	1	1	2	2
14	2	3	4	5	2	1	1	0	1	1	1	2	2
15	1	1	4	6	2	1	2	0	1	1	1	1	2
16	3	2	5	6	1	2	1	0	2	2	2	1	2
17	0	0	2	4	1	1	2	1	1	0	2	1	1
18	1	0	1	0	1	1	1	1	1	1	0	1	1
19	1	0	0	3	1	0	2	1	0	1	1	2	1
20	0	1	1	0	0	0	0	0	1	1	1	3	1
21	1	0	1	0	2	1	0	0	1	0	1	1	1
22	0	1	2	0	0	0	0	0	0	0	0	5	1
23	1	0	2	0	0	1	0	0	0	0	0	3	1
ALL	1	1	2	2	1	1	1	0	1	1	1	1	1

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

TABLE 36-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	1	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	1	0	0	0	0	2	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	1	0	0	0	0	0	1	0	0	0	0	0
05	0	0	1	0	0	0	0	0	0	0	1	0	0
06	0	0	2	0	0	0	0	0	0	0	0	0	0
07	0	0	1	1	0	0	0	0	0	0	0	0	0
08	0	0	1	1	1	0	0	0	0	0	0	0	0
09	0	0	0	1	0	0	0	0	0	0	0	1	0
10	1	0	0	1	0	0	0	1	0	0	0	0	0
11	0	0	1	1	1	0	0	0	0	0	1	1	0
12	1	0	1	1	1	0	0	0	0	0	1	1	0
13	0	0	1	1	0	1	0	0	0	0	1	1	0
14	0	1	1	1	1	0	0	0	0	0	1	1	1
15	0	0	0	2	1	0	0	0	1	0	0	0	0
16	0	0	2	2	1	0	0	0	0	0	1	0	0
17	0	0	0	2	0	0	1	0	0	0	1	0	0
18	0	0	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	1	0	0	0	0	0	0	0	1	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	1	0	0	0	0	0	0	0	0	1	0
22	0	0	0	0	0	0	0	0	0	0	0	2	0
23	0	0	0	0	0	0	0	0	0	0	0	3	0
ALL	0	0	0	1	0	0	0	0	0	0	0	0	0

TABLE 36-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	2	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	1	0	0	0	0	0	0	0	0	0	0
07	0	0	1	0	0	0	0	0	0	0	0	0	0
08	0	0	1	0	0	0	0	0	0	0	0	0	0
09	0	0	0	1	0	0	0	0	0	0	0	1	0
10	1	0	0	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	1	0	0
12	1	0	0	1	0	0	0	0	0	0	0	0	0
13	0	0	0	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	1	0	0
15	0	0	0	1	0	0	0	0	0	0	0	0	0
16	0	0	0	1	0	0	0	0	0	0	1	0	0
17	0	0	0	0	0	0	0	0	0	0	1	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	2	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 36-1 THRU 36-4:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	96	84	88	81	84	82	77	68	101	75	56	56	948
01	97	81	90	82	87	85	82	69	104	75	58	60	970
02	99	81	87	85	87	86	79	73	103	71	56	60	967
03	96	79	90	88	90	86	80	71	113	72	56	60	981
04	109	81	96	125	125	123	116	115	156	90	93	91	1320
05	138	117	128	144	141	144	130	116	177	138	145	143	1661
06	146	126	130	140	150	145	130	116	177	156	148	139	1703
07	147	117	130	147	133	139	129	115	187	157	148	146	1695
08	149	123	127	149	144	145	137	114	192	153	151	150	1734
09	148	123	130	148	139	149	130	117	189	159	142	149	1723
10	153	121	132	146	147	141	138	121	185	154	150	149	1737
11	149	123	130	142	139	141	140	118	201	157	148	151	1739
12	151	121	132	147	139	144	126	120	186	158	148	151	1723
13	153	121	131	143	137	135	127	114	183	155	141	152	1692
14	148	118	131	135	135	137	125	115	180	150	140	147	1661
15	145	120	135	137	138	143	125	121	177	150	140	144	1675
16	143	112	131	125	135	129	117	112	176	153	142	138	1613
17	140	113	129	127	128	127	114	107	161	148	141	137	1572
18	144	115	124	126	132	128	118	109	158	137	135	133	1559
19	128	111	128	129	127	121	108	107	162	137	137	123	1518
20	121	114	128	112	111	111	119	104	154	136	107	99	1416
21	113	96	109	84	101	103	109	103	127	130	92	91	1258
22	94	81	91	86	103	102	109	102	120	91	62	61	1102
23	97	83	94	81	89	86	83	69	100	85	57	58	982
	2561		2909		2932		2496		3087		2788		
ALL	3104		2821		2941		2748		3769		2793		34949

TABLE 36-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	25	0	33	*	0	0	0	*	100	0	100	0	20
01	50	*	75	0	0	0	*	*	100	0	*	50	35
02	0	*	40	100	0	*	0	*	50	0	0	0	20
03	0	50	0	0	33	50	0	*	20	20	*	60	26
04	0	0	0	0	0	33	0	0	100	33	50	50	22
05	0	0	0	0	0	100	*	0	100	75	33	50	25
06	20	0	22	20	25	67	0	0	100	50	0	13	22
07	0	0	11	0	25	17	50	0	0	60	33	0	17
08	33	*	0	33	0	0	0	0	0	*	0	20	15
09	67	20	22	8	0	0	0	0	13	57	25	13	18
10	40	0	36	31	17	0	0	0	33	0	33	20	22
11	0	17	14	14	29	0	0	0	0	20	20	29	13
12	11	25	8	8	22	14	17	0	22	33	0	42	17
13	9	11	0	6	25	17	0	33	38	25	17	0	14
14	30	17	0	13	40	10	20	25	22	29	0	40	18
15	13	29	13	21	14	0	0	40	50	22	50	22	19
16	43	40	20	17	36	29	0	0	38	17	33	50	26
17	0	50	0	9	0	40	17	0	0	50	29	25	18
18	0	33	17	0	0	0	100	20	0	50	0	56	18
19	33	67	20	22	0	0	50	100	0	0	0	40	25
20	33	0	67	0	33	0	0	0	50	0	50	40	28
21	25	100	0	*	33	0	0	0	0	0	67	50	25
22	50	50	0	0	0	100	0	50	100	50	*	25	30
23	33	0	0	0	0	0	100	*	0	0	0	0	8
ALL	21	23	15	15	19	14	11	15	27	29	20	30	20

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

TABLE 36-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	0	0	0	*	0	0	0	0	0
01	0	*	0	0	0	0	*	*	0	0	*	50	9
02	0	*	0	0	0	*	0	*	0	0	0	0	0
03	25	0	0	0	0	0	0	*	0	0	*	0	3
04	0	0	0	0	0	0	0	0	0	0	50	0	3
05	50	0	0	0	0	0	*	0	0	0	33	25	9
06	0	50	11	0	0	0	0	0	0	0	20	0	6
07	0	0	0	0	0	0	0	0	0	0	33	0	2
08	0	*	0	0	0	0	0	0	0	*	0	20	2
09	0	0	0	0	0	0	0	0	0	0	0	13	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	8	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	10	0	8	0	0	0	0	0	0	0	0	0	2
15	0	0	6	4	0	0	0	0	0	0	0	11	3
16	14	0	5	6	0	0	0	0	0	0	0	0	3
17	0	0	13	0	0	0	0	0	0	0	0	0	1
18	0	0	17	0	0	0	0	0	0	0	0	11	4
19	0	0	0	0	0	0	0	0	0	0	20	0	3
20	33	0	33	0	0	0	0	0	0	0	50	20	14
21	0	0	50	*	0	0	0	0	0	0	33	0	8
22	0	0	0	0	0	0	0	0	0	0	*	25	4
23	0	0	20	0	0	0	0	*	0	0	0	33	8
ALL	4	1	5	2	0	0	0	0	0	0	7	8	3

TABLE 36-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	0	0	0	*	0	0	0	0	0
01	0	*	0	0	0	0	*	*	0	0	*	0	0
02	0	*	0	0	0	*	0	*	0	0	0	0	0
03	0	0	33	0	0	0	0	*	0	0	*	0	3
04	0	0	25	0	0	0	0	0	0	0	50	0	6
05	50	50	25	0	0	0	*	0	0	0	67	0	19
06	40	50	33	0	0	0	0	0	0	0	40	0	17
07	33	0	33	0	0	0	0	0	0	0	67	0	13
08	17	*	0	8	0	0	0	0	0	*	67	0	8
09	33	25	0	8	0	0	0	0	0	0	25	13	7
10	0	17	0	0	0	0	0	0	0	0	33	0	3
11	0	17	0	0	0	0	0	0	0	0	0	0	1
12	11	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	20	1
14	0	0	0	0	0	0	0	0	0	0	9	0	1
15	0	0	0	4	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	22	0	2
17	0	0	0	0	0	0	0	0	0	0	14	0	1
18	0	0	0	0	0	0	0	0	0	0	14	0	2
19	0	0	0	0	0	0	0	0	0	0	20	0	3
20	33	0	0	0	0	0	0	0	0	0	50	0	7
21	0	0	0	*	0	0	0	0	0	0	33	0	4
22	0	0	0	0	0	0	0	0	0	0	*	0	0
23	0	0	0	0	0	0	0	*	0	0	0	0	0
ALL	7	7	5	2	0	0	0	0	0	0	20	2	4

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 36-5 THRU 36-7:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	2	3	0	1	1	1	0	1	2	1	4	20
01	4	0	4	2	3	2	0	0	1	3	0	4	23
02	2	0	4	1	1	0	3	0	2	3	1	2	19
03	4	2	3	1	3	2	1	0	5	5	0	5	31
04	3	2	4	1	2	3	3	2	2	6	2	2	32
05	2	2	8	2	3	1	0	1	1	4	3	4	31
06	5	2	9	5	4	2	3	1	2	2	5	8	48
07	3	2	9	5	4	6	2	2	3	5	3	2	46
08	6	0	5	12	6	6	1	1	3	0	3	5	48
09	3	4	9	12	6	5	1	2	8	7	4	8	69
10	5	6	11	13	6	2	4	4	9	4	3	5	72
11	5	6	14	12	7	8	3	1	9	5	5	7	82
12	9	4	13	12	9	6	5	2	9	6	9	12	96
13	11	9	10	16	11	6	6	5	8	4	6	5	97
14	10	6	13	13	10	10	5	4	9	7	11	5	103
15	8	7	16	23	13	8	7	5	4	8	6	9	114
16	7	5	20	18	10	7	4	4	8	6	9	4	102
17	5	4	8	11	4	5	6	3	4	6	7	4	67
18	2	3	6	10	3	2	1	5	4	2	7	9	54
19	3	3	5	9	3	1	2	1	2	1	5	5	40
20	3	1	3	4	3	1	2	1	2	2	2	5	29
21	4	1	2	0	3	4	1	1	1	2	3	2	24
22	2	2	4	3	1	1	1	2	1	2	0	4	23
23	3	1	5	1	1	5	1	0	1	2	1	3	24
ALL	113	74	188	186	117	94	63	47	99	94	96	123	1294

TABLE 36-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	*	0	*	*	*	*	*	*	0
01	50	*	100	*	*	0	*	*	*	*	*	*	60
02	0	*	100	*	*	*	0	*	*	0	*	0	25
03	0	0	0	0	*	*	0	*	*	0	*	100	25
04	0	0	0	*	0	*	*	0	100	100	*	0	20
05	0	*	0	0	*	100	*	0	*	*	100	*	29
06	0	*	33	0	*	100	*	0	*	100	*	0	33
07	*	*	0	0	100	*	100	*	0	*	33	0	33
08	*	*	0	50	0	0	*	*	*	*	*	50	20
09	100	0	0	0	0	0	*	*	0	*	0	100	15
10	100	0	33	60	0	0	0	0	50	*	33	*	36
11	0	0	0	0	50	0	0	0	0	*	100	0	9
12	0	0	11	17	25	0	*	0	0	50	0	33	14
13	0	*	0	0	33	0	0	0	33	50	0	0	9
14	0	33	0	14	33	0	0	*	0	0	0	33	13
15	50	100	0	50	33	0	0	*	100	100	100	0	38
16	75	50	33	25	50	0	0	*	67	33	33	100	40
17	*	*	0	0	0	0	50	0	0	*	33	50	17
18	0	*	100	*	0	0	100	0	0	100	*	0	30
19	100	*	*	25	0	*	50	100	*	0	0	33	36
20	*	0	100	*	*	*	*	*	100	0	100	33	50
21	100	*	0	*	0	0	*	*	0	*	0	0	13
22	*	0	0	*	*	*	*	*	*	*	*	0	0
23	0	*	0	*	*	0	*	*	*	*	*	0	0
ALL	28	20	17	22	24	9	22	8	33	44	31	27	24

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

TABLE 36-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	*	0	*	*	*	*	*	*	0
01	0	*	0	*	*	0	*	*	*	*	*	*	0
02	0	*	0	*	*	*	0	*	*	0	*	0	0
03	0	0	0	0	*	*	0	*	*	0	*	0	0
04	0	0	0	*	0	*	*	0	0	0	*	0	0
05	0	*	0	0	*	0	*	0	*	*	0	*	0
06	0	*	0	0	*	0	*	0	*	0	*	0	0
07	*	*	0	0	0	*	0	*	0	*	33	0	11
08	*	*	0	0	0	0	*	*	*	*	*	0	0
09	0	0	0	0	0	0	*	*	0	*	0	0	0
10	0	0	0	0	0	0	0	0	0	*	0	*	0
11	0	0	0	0	0	0	0	0	0	*	0	0	0
12	0	0	0	0	0	0	*	0	0	0	0	0	0
13	0	*	0	0	0	0	0	0	0	0	0	0	0
14	33	0	20	0	0	0	0	*	0	0	0	0	7
15	0	0	20	0	0	0	0	*	0	0	0	0	3
16	25	0	17	0	0	0	0	*	0	0	0	0	6
17	*	*	50	0	0	0	0	0	0	*	0	0	6
18	0	*	0	*	0	0	0	0	0	0	*	0	0
19	0	*	*	0	0	*	0	0	*	0	0	0	0
20	*	0	0	*	*	*	*	*	0	0	0	33	13
21	0	*	0	*	0	0	*	*	0	*	100	0	13
22	*	0	0	*	*	*	*	*	*	*	*	33	17
23	0	*	0	*	*	0	*	*	*	*	*	50	17
ALL	6	0	6	0	0	0	0	0	0	0	8	8	3

TABLE 36-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	*	*	*	0	*	*	*	*	*	*	0
01	0	*	0	*	*	0	*	*	*	*	*	*	0
02	0	*	0	*	*	*	0	*	*	0	*	0	0
03	0	0	0	0	*	*	0	*	*	0	*	0	0
04	0	0	0	*	0	*	*	0	0	0	*	0	0
05	0	*	50	0	*	0	*	0	*	*	0	*	14
06	0	*	33	0	*	*	*	0	*	0	*	0	13
07	*	*	100	0	0	*	0	*	0	*	67	0	33
08	*	*	0	0	0	0	*	*	*	*	*	0	0
09	0	0	0	0	0	0	*	*	0	*	50	0	8
10	0	0	0	0	0	0	0	0	0	*	33	*	5
11	0	0	0	0	0	0	0	0	0	*	0	0	0
12	0	0	0	0	0	0	*	0	0	0	0	0	0
13	0	*	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	*	0	0	0	0	0
15	0	0	0	0	0	0	0	*	0	0	0	0	0
16	0	0	0	0	0	0	0	*	0	0	33	0	3
17	*	*	0	0	0	0	0	0	0	*	33	0	6
18	0	*	0	*	0	0	0	0	0	0	*	0	0
19	0	*	*	0	0	*	0	0	*	0	0	0	0
20	*	0	0	*	*	*	*	*	0	0	0	0	0
21	0	*	0	*	0	0	*	*	0	*	100	0	13
22	*	0	0	*	*	*	*	*	*	*	*	0	0
23	0	*	0	*	*	0	*	*	*	*	*	0	0
ALL	0	0	5	0	0	0	0	0	0	0	27	0	3

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 36-8 THRU 36-10:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	0	0	0	1	0	0	0	0	0	0	2
01	2	0	2	0	0	1	0	0	0	0	0	0	5
02	1	0	1	0	0	0	2	0	0	2	0	1	7
03	1	1	1	1	0	0	1	0	0	1	0	2	8
04	1	1	2	0	1	0	0	2	1	1	0	1	10
05	1	0	2	1	0	1	0	1	0	0	1	0	7
06	1	0	3	1	0	0	0	1	0	1	0	1	8
07	0	0	1	1	1	0	1	0	1	0	3	1	9
08	0	0	2	2	2	2	0	0	0	0	0	2	10
09	1	1	2	3	1	1	0	0	1	0	2	1	13
10	2	1	3	5	2	1	1	1	2	0	3	0	21
11	3	1	4	2	2	4	1	1	2	0	1	1	22
12	3	2	9	5	4	1	0	1	1	2	3	3	34
13	6	0	5	6	3	1	2	1	3	2	1	3	33
14	3	3	5	6	3	1	1	0	1	1	2	3	29
15	2	1	5	8	3	1	3	0	1	2	1	2	29
16	4	2	6	8	2	2	1	0	3	3	3	1	35
17	0	0	2	5	1	1	2	1	1	0	3	2	18
18	1	0	1	0	1	1	1	1	2	1	0	1	10
19	1	0	0	4	1	0	2	1	0	1	1	3	14
20	0	1	1	0	0	0	0	0	1	1	1	3	8
21	1	0	1	0	2	1	0	0	1	0	1	1	8
22	0	1	2	0	0	0	0	0	0	0	0	3	6
23	1	0	2	0	0	1	0	0	0	0	0	2	6
ALL	36	15	62	58	29	21	18	11	21	18	26	37	352

TABLE 36-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	100	*	*	*	*	*	*	*	*	*	100
02	*	*	*	*	*	*	0	*	*	*	*	0	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	0	*	*	*	*	*	0	*	*	*	*	0
05	*	*	0	*	*	*	*	*	*	*	100	*	50
06	*	*	50	*	*	*	*	*	*	*	*	*	50
07	*	*	0	0	*	*	*	*	*	*	*	*	0
08	*	*	0	100	0	*	*	*	*	*	*	*	33
09	*	*	*	0	*	*	*	*	*	*	*	100	50
10	100	*	*	100	*	*	*	0	*	*	*	*	75
11	*	*	0	0	0	*	*	*	*	*	100	0	20
12	0	*	0	50	0	*	*	*	*	*	0	0	14
13	*	*	0	0	*	0	*	*	*	*	0	0	0
14	*	100	0	0	0	*	*	*	*	*	0	0	11
15	*	*	*	33	50	*	*	*	100	*	*	*	50
16	*	*	0	100	0	*	*	*	*	*	100	*	50
17	*	*	*	0	*	*	0	*	*	*	100	*	25
18	*	*	100	*	*	*	*	*	*	*	*	*	100
19	*	*	*	0	*	*	*	*	*	*	*	100	50
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	0	*	*	*	*	*	*	*	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	0	0
23	*	*	*	*	*	*	*	*	*	*	*	0	0
ALL	50	50	21	37	13	0	0	0	100	*	50	15	28

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

TABLE 36-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	0	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	*	*	0	*	*	*	*	0	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	0	*	*	*	*	*	0	*	*	*	*	0
05	*	*	0	*	*	*	*	*	*	*	0	*	0
06	*	*	0	*	*	*	*	*	*	*	*	*	0
07	*	*	0	0	*	*	*	*	*	*	*	*	0
08	*	*	0	0	0	*	*	*	*	*	*	*	0
09	*	*	*	0	*	*	*	*	*	*	*	0	0
10	0	*	*	0	*	*	*	0	*	*	*	*	0
11	*	*	0	0	0	*	*	*	*	*	0	0	0
12	0	*	0	0	0	*	*	*	*	*	0	0	0
13	*	*	0	0	*	0	*	*	*	*	0	0	0
14	*	0	0	0	0	*	*	*	*	*	0	0	0
15	*	*	*	0	0	*	*	*	0	*	*	*	0
16	*	*	0	0	0	*	*	*	*	*	0	*	0
17	*	*	*	0	*	*	0	*	*	*	0	*	0
18	*	*	0	*	*	*	*	*	*	*	*	*	0
19	*	*	*	0	*	*	*	*	*	*	*	0	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	0	*	*	*	*	*	*	*	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	100	100
23	*	*	*	*	*	*	*	*	*	*	*	50	50
ALL	0	0	0	0	0	0	0	0	0	*	0	15	3

TABLE 36-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	0	*	*	*	*	*	*	*	*	*	0
02	*	*	*	*	*	*	0	*	*	*	*	0	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	0	*	*	*	*	*	0	*	*	*	*	0
05	*	*	0	*	*	*	*	*	*	*	0	*	0
06	*	*	50	*	*	*	*	*	*	*	*	*	50
07	*	*	100	0	*	*	*	*	*	*	*	*	50
08	*	*	0	0	0	*	*	*	*	*	*	*	0
09	*	*	*	0	*	*	*	*	*	*	*	0	0
10	0	*	*	0	*	*	*	*	*	*	*	*	0
11	*	*	0	0	0	*	*	*	*	*	0	0	0
12	0	*	0	0	0	*	*	*	*	*	0	0	0
13	*	*	0	0	*	0	*	*	*	*	0	0	0
14	*	0	0	0	0	*	*	*	*	*	0	0	0
15	*	*	*	0	0	*	*	*	0	*	*	*	0
16	*	*	0	0	0	*	*	*	*	*	0	*	0
17	*	*	*	0	*	*	0	*	*	*	0	*	0
18	*	*	0	*	*	*	*	*	*	*	*	*	0
19	*	*	*	0	*	*	*	*	*	*	*	0	0
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	0	*	*	*	*	*	*	*	*	0	0
22	*	*	*	*	*	*	*	*	*	*	*	0	0
23	*	*	*	*	*	*	*	*	*	*	*	0	0
ALL	0	0	14	0	0	0	0	0	0	*	0	0	3

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 36-11 THRU 36-13:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	1	0	0	0	0	0	0	0	0	0	1
02	0	0	0	0	0	0	1	0	0	0	0	1	2
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	1	0	0	0	0	0	1	0	0	0	0	2
05	0	0	1	0	0	0	0	0	0	0	1	0	2
06	0	0	2	0	0	0	0	0	0	0	0	0	2
07	0	0	1	1	0	0	0	0	0	0	0	0	2
08	0	0	1	1	1	0	0	0	0	0	0	0	3
09	0	0	0	1	0	0	0	0	0	0	0	1	2
10	1	0	0	2	0	0	0	0	0	0	0	0	3
11	0	0	1	1	1	0	0	0	0	0	1	1	5
12	1	0	1	2	1	0	0	0	0	0	1	1	7
13	0	0	1	2	0	1	0	0	0	0	1	2	7
14	0	1	1	1	2	0	0	0	0	0	2	2	9
15	0	0	0	3	2	0	0	0	1	0	0	0	6
16	0	0	2	2	1	0	0	0	0	0	1	0	6
17	0	0	0	2	0	0	1	0	0	0	1	0	4
18	0	0	1	0	0	0	0	0	0	0	0	0	1
19	0	0	0	1	0	0	0	0	0	0	0	1	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	1	0	0	0	0	0	0	0	0	1	2
22	0	0	0	0	0	0	0	0	0	0	0	1	1
23	0	0	0	0	0	0	0	0	0	0	0	2	2
ALL	2	2	14	19	8	1	2	1	1	0	8	13	71

TABLE 36-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	0	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	0	*	*	*	*	*	*	*	*	*	0
07	*	*	0	*	*	*	*	*	*	*	*	*	0
08	*	*	0	*	*	*	*	*	*	*	*	*	0
09	*	*	*	0	*	*	*	*	*	*	*	100	50
10	100	*	*	100	*	*	*	*	*	*	*	*	100
11	*	*	*	*	*	*	*	*	*	*	100	*	100
12	0	*	*	100	*	*	*	*	*	*	*	*	50
13	*	*	*	0	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	0	*	0
15	*	*	*	100	*	*	*	*	*	*	*	*	100
16	*	*	*	100	*	*	*	*	*	*	100	*	100
17	*	*	*	*	*	*	*	*	*	*	100	*	100
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	0	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	50	*	0	71	*	*	*	*	*	*	60	33	50

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

TABLE 36-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	0	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	0	*	*	*	*	*	*	*	*	*	*
07	*	*	0	*	*	*	*	*	*	*	*	*	0
08	*	*	0	*	*	*	*	*	*	*	*	*	0
09	*	*	*	0	*	*	*	*	*	*	*	0	0
10	0	*	*	0	*	*	*	*	*	*	*	*	0
11	*	*	*	*	*	*	*	*	*	*	0	*	0
12	0	*	*	0	*	*	*	*	*	*	*	*	0
13	*	*	*	0	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	0	*	0
15	*	*	*	0	*	*	*	*	*	*	*	*	0
16	*	*	*	0	*	*	*	*	*	*	0	*	0
17	*	*	*	*	*	*	*	*	*	*	0	*	0
18	*	*	*	*	*	*	*	*	*	*	0	*	0
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	100	100
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	*	0	0	*	*	*	*	*	*	0	33	5

TABLE 36-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	*	*	*	*	*	*	*	*	*	*	*	*	*
01	*	*	*	*	*	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*	*	*	*	0	0
03	*	*	*	*	*	*	*	*	*	*	*	*	*
04	*	*	*	*	*	*	*	*	*	*	*	*	*
05	*	*	*	*	*	*	*	*	*	*	*	*	*
06	*	*	100	*	*	*	*	*	*	*	*	*	100
07	*	*	100	*	*	*	*	*	*	*	*	*	100
08	*	*	0	*	*	*	*	*	*	*	*	*	0
09	*	*	*	0	*	*	*	*	*	*	*	0	0
10	0	*	*	0	*	*	*	*	*	*	*	*	0
11	*	*	*	*	*	*	*	*	*	*	0	*	0
12	0	*	*	0	*	*	*	*	*	*	*	*	0
13	*	*	*	0	*	*	*	*	*	*	*	*	0
14	*	*	*	*	*	*	*	*	*	*	0	*	0
15	*	*	*	0	*	*	*	*	*	*	*	*	0
16	*	*	*	0	*	*	*	*	*	*	0	*	0
17	*	*	*	*	*	*	*	*	*	*	0	*	0
18	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	0	0
23	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL	0	*	67	0	*	*	*	*	*	*	0	0	10

STATION: WIESBADEN AB, FRG

WMO #: 106330

RUNWAY HEADING: 080-260

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 36-14 THRU 36-16:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	1	1
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	1	0	0	0	0	0	0	0	0	0	1
07	0	0	1	0	0	0	0	0	0	0	0	0	1
08	0	0	1	0	0	0	0	0	0	0	0	0	1
09	0	0	0	1	0	0	0	0	0	0	0	1	2
10	1	0	0	2	0	0	0	0	0	0	0	0	3
11	0	0	0	0	0	0	0	0	0	0	1	0	1
12	1	0	0	1	0	0	0	0	0	0	0	0	2
13	0	0	0	1	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	2	0	2
15	0	0	0	1	0	0	0	0	0	0	0	0	1
16	0	0	0	1	0	0	0	0	0	0	1	0	2
17	0	0	0	0	0	0	0	0	0	0	1	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	1	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	2	0	3	7	0	0	0	0	0	0	5	3	20

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

TABLE 37-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	12	9	11	8	6	3	2	4	4	4	11	16	7
01	13	9	12	7	6	2	2	4	4	5	11	13	7
02	14	8	11	7	5	3	2	4	4	6	13	14	7
03	16	9	10	8	5	2	1	3	6	5	11	13	7
04	14	7	10	6	5	2	1	3	5	5	12	13	7
05	13	9	10	6	5	3	2	3	4	6	12	11	7
06	13	6	11	7	7	3	2	4	3	6	11	14	7
07	14	8	10	10	12	6	4	6	6	8	12	12	9
08	13	10	12	15	15	7	8	9	6	8	11	12	10
09	14	11	18	21	17	7	8	10	10	11	13	12	13
10	17	11	19	20	15	8	8	13	10	16	15	16	14
11	17	14	17	20	19	10	10	13	12	16	15	14	15
12	21	17	18	23	20	8	11	11	15	18	17	16	16
13	21	15	21	25	19	9	12	13	13	16	16	17	16
14	21	15	20	24	20	9	11	12	14	14	14	18	16
15	16	13	20	20	19	8	10	13	12	12	13	15	14
16	14	12	17	18	20	9	11	11	8	10	12	11	13
17	11	13	16	18	19	9	9	10	9	7	11	11	12
18	13	13	13	14	16	10	7	7	6	7	12	13	11
19	11	13	11	12	12	5	4	6	7	9	11	11	9
20	11	7	9	11	8	3	5	6	6	6	12	13	8
21	12	9	10	7	7	3	3	5	5	8	12	13	8
22	10	11	7	8	6	2	2	4	4	7	12	13	7
23	11	10	9	6	6	3	3	3	4	5	11	11	7
ALL	14	11	14	13	12	6	6	7	7	9	12	13	10

TABLE 37-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	4	4	3	2	1	0	2	2	2	6	7	3
01	5	4	4	3	1	1	0	1	2	2	6	6	3
02	9	3	5	2	1	1	0	2	2	1	6	8	3
03	8	3	5	3	1	1	0	1	2	1	7	6	3
04	8	2	6	3	1	1	0	2	2	1	6	7	3
05	6	4	6	2	1	1	0	1	2	2	6	7	3
06	6	3	5	4	2	1	0	2	2	2	5	8	3
07	6	4	5	4	4	2	0	2	3	4	5	7	4
08	5	3	5	7	7	2	2	3	1	4	4	6	4
09	6	4	9	9	8	2	3	3	4	6	7	6	6
10	6	6	9	11	6	2	2	4	4	8	7	8	6
11	7	7	8	11	8	3	4	4	5	8	7	8	6
12	8	7	8	12	10	4	3	4	5	8	7	7	7
13	8	7	10	14	9	3	6	6	6	6	5	7	7
14	8	6	9	14	10	3	4	5	4	7	6	8	7
15	7	6	9	11	9	4	4	5	4	6	7	6	6
16	7	4	7	8	9	3	3	5	3	5	6	4	5
17	6	5	6	9	9	3	3	4	3	3	5	5	5
18	5	4	5	6	6	3	2	2	2	4	4	5	4
19	6	4	4	5	4	2	2	2	3	3	6	5	4
20	5	4	3	3	3	1	1	1	2	3	6	6	3
21	4	5	4	4	3	1	1	1	2	4	6	5	3
22	4	6	3	4	2	1	1	1	2	3	6	5	3
23	4	6	3	2	2	0	0	1	2	2	6	5	3
ALL	6	4	6	7	5	2	2	3	3	4	6	6	4

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

TABLE 37-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	1	2	1	1	0	0	0	0	1	2	2	1
01	2	1	2	2	0	0	0	0	1	0	3	1	1
02	3	1	2	1	0	0	0	0	1	0	2	2	1
03	3	1	3	1	1	0	0	0	1	0	2	2	1
04	2	1	3	2	0	0	0	0	1	0	1	2	1
05	2	1	3	1	1	0	0	0	1	0	1	2	1
06	3	1	3	1	0	0	0	1	1	0	1	3	1
07	3	1	3	2	1	0	0	0	1	0	2	3	1
08	2	1	2	2	2	0	0	0	0	1	1	3	1
09	3	2	3	3	2	0	0	1	0	2	2	3	2
10	3	2	2	3	1	0	0	2	1	3	2	2	2
11	2	2	4	3	2	1	1	1	1	3	2	2	2
12	2	2	4	4	3	1	1	1	2	2	2	3	2
13	2	2	4	3	2	0	1	2	2	1	1	2	2
14	3	3	3	3	2	1	0	2	1	3	2	2	2
15	3	1	3	4	3	0	0	2	1	1	2	2	2
16	2	1	2	3	3	1	0	1	1	0	2	1	2
17	1	2	0	2	2	0	0	1	0	0	2	1	1
18	2	2	1	2	2	0	0	1	1	1	2	1	1
19	2	1	1	2	0	0	0	0	1	1	3	1	1
20	2	1	1	1	1	0	0	0	0	1	2	2	1
21	2	1	2	1	1	0	0	0	1	1	1	2	1
22	2	1	1	1	0	0	0	0	0	1	2	1	1
23	2	1	2	1	0	0	0	0	1	0	2	2	1
ALL	2	1	2	2	1	0	0	1	1	1	2	2	1

TABLE 37-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	1	0	0	0	0	0	0	0	1	0	0
01	1	0	1	1	0	0	0	0	1	0	1	1	0
02	1	0	1	0	0	0	0	0	0	0	0	1	0
03	1	0	1	1	0	0	0	0	0	0	0	1	0
04	1	0	1	1	0	0	0	0	0	0	0	1	0
05	1	0	1	1	0	0	0	0	0	0	0	1	0
06	1	0	2	1	0	0	0	0	0	0	0	1	0
07	1	0	1	0	0	0	0	0	0	0	0	1	0
08	1	0	1	1	0	0	0	0	0	0	1	1	0
09	2	1	1	1	0	0	0	0	0	0	0	1	1
10	1	0	2	1	0	0	0	0	0	1	0	1	1
11	1	0	1	1	0	0	0	0	0	0	1	1	0
12	1	1	2	2	1	0	0	0	1	0	0	1	1
13	1	1	1	2	0	0	0	1	0	0	0	1	1
14	1	1	1	1	0	0	0	0	0	1	1	0	1
15	1	0	1	1	0	0	0	0	0	0	0	1	0
16	0	0	1	1	1	0	0	1	0	0	1	0	0
17	1	1	0	1	0	0	0	1	0	0	0	0	0
18	0	1	1	1	0	0	0	1	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	1	0	0
20	1	0	1	0	0	0	0	0	0	1	0	1	0
21	1	0	1	0	0	0	0	0	0	0	0	2	0
22	1	0	0	1	0	0	0	0	0	0	1	1	0
23	1	0	1	0	0	0	0	0	0	0	1	0	0
ALL	1	0	1	1	0	0	0	0	0	0	0	1	0

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 37-1 THRU 37-4:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	386	360	366	379	399	377	397	428	419	429	377	377	4694
01	361	337	343	381	396	384	402	425	411	423	374	353	4590
02	360	336	342	381	401	384	400	424	415	425	371	353	4592
03	363	336	342	382	398	384	403	419	415	421	376	351	4590
04	365	334	345	380	394	387	402	422	412	421	372	351	4585
05	363	335	344	383	396	385	401	426	412	428	376	352	4601
06	361	329	341	371	382	363	370	395	389	413	367	345	4426
07	365	337	373	412	424	417	427	420	416	421	375	355	4742
08	392	365	401	413	422	411	424	426	412	422	381	377	4846
09	394	360	399	411	417	414	425	425	411	419	375	375	4825
10	392	361	398	408	423	408	429	426	415	424	374	380	4838
11	393	362	402	404	419	410	429	427	415	426	380	381	4848
12	383	348	386	397	400	393	403	410	399	409	365	375	4668
13	390	360	397	408	419	412	426	426	410	421	380	381	4830
14	395	360	397	410	413	417	423	427	411	422	379	380	4834
15	395	360	400	405	418	415	428	419	417	426	376	384	4843
16	392	361	398	406	427	413	429	427	416	424	377	383	4853
17	393	363	403	413	428	415	428	424	416	421	378	380	4862
18	392	352	398	410	418	389	406	414	392	413	372	376	4732
19	396	363	402	416	428	414	423	426	415	422	379	377	4861
20	397	361	401	418	427	419	428	426	414	424	379	374	4868
21	392	364	402	419	429	413	428	428	419	423	380	375	4872
22	396	362	403	417	431	416	428	428	415	427	376	373	4872
23	396	362	384	410	430	415	429	426	415	423	377	375	4842
	8468		9634		9655		10144		10127		8883		
ALL	9212		9167		9939		9988		9881		9016		84514

TABLE 37-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	15	22	20	11	20	8	0	22	18	11	22	8	16
01	19	46	27	17	20	11	0	24	22	22	18	13	21
02	13	37	24	23	10	23	0	26	33	13	19	10	19
03	18	21	29	14	25	0	0	31	30	11	17	9	18
04	17	21	33	20	14	0	0	29	25	30	14	15	20
05	13	24	35	10	20	8	13	8	22	15	24	13	19
06	20	11	33	20	14	8	0	27	38	12	10	15	18
07	14	15	27	24	2	15	16	25	29	18	9	16	16
08	8	15	31	12	2	11	3	14	28	16	14	23	14
09	21	23	17	19	8	6	21	7	8	11	8	11	14
10	17	15	18	18	13	9	22	4	12	14	13	12	14
11	22	14	13	15	8	5	14	13	10	10	7	22	13
12	19	7	20	16	9	9	11	9	10	8	10	13	12
13	17	11	19	14	6	8	11	7	12	17	10	17	13
14	20	11	18	14	12	0	11	6	7	10	11	19	13
15	26	9	20	18	11	13	12	14	12	15	14	18	16
16	30	16	23	10	8	16	4	15	12	12	24	14	15
17	27	19	19	14	11	5	5	7	14	20	17	12	14
18	24	22	25	16	5	8	7	13	13	28	16	21	16
19	17	18	20	18	4	5	0	15	21	31	17	7	15
20	14	24	18	14	9	8	0	17	22	21	11	15	15
21	13	19	29	19	16	9	0	18	24	21	13	15	17
22	13	18	23	3	12	0	10	17	28	19	9	11	14
23	13	17	29	5	19	8	8	27	33	30	18	10	18
ALL	18	18	22	15	10	8	9	13	17	16	14	14	15

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

TABLE 37-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	13	0	0	0	0	0	0	0	0	0	2	2
01	4	8	0	0	0	0	0	0	0	0	0	4	2
02	8	7	3	5	0	0	0	0	0	0	0	2	3
03	7	3	3	0	0	0	0	0	0	0	2	0	2
04	2	4	3	0	0	0	0	0	0	0	2	2	2
05	2	17	0	0	0	0	0	0	0	0	2	3	3
06	4	11	0	0	0	0	0	0	0	0	2	2	2
07	4	15	5	0	0	0	0	0	0	0	2	2	2
08	2	15	2	3	0	0	0	0	0	0	0	2	2
09	4	10	3	1	0	0	0	0	0	0	0	4	2
10	2	15	1	0	0	0	0	0	0	0	0	2	1
11	3	14	0	1	0	0	0	0	0	0	2	2	2
12	1	7	3	0	0	0	0	0	0	0	2	2	1
13	5	7	0	0	0	0	0	0	0	0	0	3	1
14	4	18	3	0	0	0	0	0	0	0	0	1	2
15	0	9	1	1	0	0	0	0	0	0	4	2	1
16	0	14	3	0	0	0	0	0	0	0	0	2	1
17	2	13	0	0	0	0	0	0	0	0	0	7	2
18	0	7	4	0	0	0	0	0	0	0	2	0	1
19	0	9	2	0	0	0	0	0	0	0	0	2	1
20	7	12	0	0	0	0	0	0	0	0	2	6	3
21	4	6	5	0	0	0	0	0	0	0	2	4	2
22	3	8	3	0	0	0	0	0	0	0	2	4	2
23	2	9	3	0	0	0	0	0	0	0	3	0	2
ALL	3	11	2	0	0	0	0	0	0	0	1	3	2

TABLE 37-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	15	3	0	0	0	0	0	0	0	0	2	3
01	4	10	2	0	0	0	0	0	0	0	0	2	2
02	10	11	3	0	0	0	0	0	0	0	0	2	3
03	7	20	3	0	0	0	0	0	0	0	0	0	3
04	4	12	6	0	0	0	0	0	0	0	0	2	3
05	4	10	3	0	0	0	0	0	0	0	0	5	3
06	0	11	3	0	0	0	0	0	0	0	0	4	2
07	6	15	3	0	0	0	0	0	0	0	0	2	2
08	8	17	2	2	0	0	0	0	0	0	0	2	3
09	6	18	1	0	0	0	0	0	0	0	0	4	2
10	6	15	0	0	0	0	0	0	0	0	0	3	2
11	1	16	0	0	0	0	0	0	0	0	0	4	2
12	1	12	1	0	0	0	0	0	0	0	0	2	1
13	3	13	0	0	0	0	0	0	0	0	0	5	2
14	4	13	1	0	0	0	0	0	0	0	0	1	2
15	0	13	1	0	0	0	0	0	0	0	0	4	1
16	2	9	1	0	0	0	0	0	0	0	0	5	1
17	2	11	0	0	0	0	0	0	0	0	0	7	2
18	2	14	2	0	0	0	0	0	0	0	0	0	2
19	2	13	2	0	0	0	0	0	0	0	0	2	2
20	2	12	3	0	0	0	0	0	0	0	2	6	2
21	4	6	2	0	0	0	0	0	0	0	0	10	3
22	5	10	3	0	0	0	0	0	0	0	2	4	3
23	4	9	3	0	0	0	0	0	0	0	3	2	2
ALL	4	13	2	0	0	0	0	0	0	0	0	3	2

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 37-5 THRU 37-7:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	46	34	40	31	25	12	7	18	17	18	41	60	349
01	48	29	41	26	25	9	7	17	18	22	40	45	327
02	52	27	37	25	21	13		19	18	24	47	48	337
03	57	30	35	29	20	9	5	13	23	19	40	46	327
04	52	25	36	22	21	6	5	14	20	23	44	46	314
05	48	30	34	24	20	12	8	12	18	26	46	40	318
06	46	19	36	27	28	12	6	15	12	25	42	48	316
07	50	26	37	40	49	27	19	24	24	34	46	43	419
08	49	35	49	61	63	27	32	37	25	32	42	44	496
09	54	40	72	87	72	31	33	42	40	45	49	45	610
10	67	40	76	81	63	34	35	54	43	66	56	60	675
11	67	51	69	82	79	39	42	55	50	70	58	55	717
12	80	60	71	93	80	33	43	47	57	72	63	59	758
13	80	55	82	101	79	39	53	57	52	69	59	63	789
14	81	55	81	99	83	39	47	50	58	60	53	67	773
15	64	48	81	83	80	32	43	56	51	52	49	57	696
16	55	43	68	73	84	38	46	47	33	41	46	43	617
17	45	47	65	75	83	37	38	44	36	30	41	43	584
18	51	44	51	57	66	38	28	31	23	29	45	47	510
19	42	47	46	51	50	22	16	26	28	39	42	42	451
20	43	26	38	44	35	12	21	24	23	24	44	47	381
21	48	32	42	29	32	11	13	22	21	33	47	48	378
22	40	40	30	34	25	10	10	18	18	32	44	47	348
23	45	35	35	23	27	13	12	10	18	23	40	42	323
		918		1297		555		752		908		1185	
ALL	1310		1252		1210		576		726		1124		11813

TABLE 37-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	18	31	29	8	13	0	*	29	14	0	27	11	18
01	35	58	53	20	20	33	*	50	33	0	26	5	29
02	18	45	31	13	17	20	0	57	57	33	27	11	25
03	21	40	35	25	40	0	0	50	50	0	20	14	26
04	23	33	37	25	20	0	0	29	38	33	27	20	27
05	14	38	42	11	20	0	50	0	38	13	32	13	24
06	30	25	41	14	43	33	*	0	44	22	6	21	25
07	15	33	35	35	6	0	0	44	55	18	5	15	21
08	17	30	38	22	3	0	11	0	67	17	18	17	18
09	26	40	24	23	12	0	9	8	13	15	11	13	18
10	23	16	20	20	12	0	40	6	6	12	11	10	15
11	27	17	18	14	0	0	6	19	20	12	7	17	13
12	29	8	23	21	11	14	8	13	21	12	7	25	17
13	27	12	21	15	3	8	4	16	19	19	10	29	16
14	23	19	11	15	3	0	12	0	12	14	17	28	14
15	32	14	17	18	5	0	7	9	13	24	15	33	16
16	41	21	37	15	10	8	0	13	14	15	35	18	20
17	35	31	22	16	5	8	0	6	7	7	20	5	14
18	33	38	29	19	4	0	13	20	14	44	7	32	22
19	18	15	24	29	5	0	0	22	33	38	24	11	19
20	26	25	29	15	7	20	0	17	29	18	14	29	20
21	13	35	28	25	27	0	0	50	50	33	14	25	26
22	25	20	25	6	11	0	33	40	43	15	19	18	20
23	24	25	54	0	20	0	0	40	25	29	23	16	24
ALL	25	25	27	18	9	5	9	17	26	18	18	18	19

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

TABLE 37-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	8	0	0	0	0	*	0	0	0	0	4	2
01	6	17	0	0	0	0	*	0	0	0	0	0	2
02	9	9	6	0	0	0	0	0	0	0	0	4	4
03	3	0	0	0	0	0	0	0	0	0	4	0	1
04	0	17	0	0	0	0	0	0	0	0	0	4	1
05	0	23	0	0	0	0	0	0	0	0	5	4	4
06	0	25	0	0	0	0	*	0	0	0	0	4	2
07	0	25	6	0	0	0	0	0	0	0	5	4	3
08	0	20	5	0	0	0	0	0	0	0	0	4	2
09	0	13	6	0	0	0	0	0	0	0	0	4	2
10	0	16	0	0	0	0	0	0	0	0	0	3	1
11	8	17	0	2	0	0	0	0	0	0	0	3	3
12	4	0	0	0	0	0	0	0	0	0	0	4	1
13	0	8	0	0	0	0	0	0	0	0	0	0	1
14	0	10	0	0	0	0	0	0	0	0	0	3	1
15	0	9	0	2	0	0	0	0	0	0	4	4	2
16	0	21	0	0	0	0	0	0	0	0	0	0	1
17	0	13	0	0	0	0	0	0	0	0	0	5	1
18	0	8	5	0	0	0	0	0	0	0	0	0	1
19	0	31	6	0	0	0	0	0	0	0	0	6	3
20	5	17	0	0	0	0	0	0	0	0	0	8	3
21	0	12	11	0	0	0	0	0	0	0	0	5	3
22	6	15	8	0	0	0	0	0	0	0	5	6	5
23	6	5	8	0	0	0	0	0	0	0	5	0	3
ALL	2	13	2	0	0	0	0	0	0	0	1	3	2

TABLE 37-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	9	8	0	0	0	0	*	0	0	0	0	0	2
01	0	8	0	0	0	0	*	0	0	0	0	0	1
02	12	9	0	0	0	0	0	0	0	0	0	4	4
03	3	0	0	0	0	0	0	0	0	0	0	0	1
04	3	17	5	0	0	0	0	0	0	0	0	4	3
05	0	8	0	0	0	0	0	0	0	0	0	4	1
06	0	11	0	0	0	0	*	0	0	0	0	4	1
07	5	17	0	0	0	0	0	0	0	0	0	4	2
08	5	18	0	4	0	0	0	0	0	0	0	4	3
09	0	13	0	0	0	0	0	0	0	0	0	4	1
10	0	15	0	0	0	0	0	0	0	0	0	7	2
11	4	17	0	0	0	0	0	0	0	0	0	7	2
12	0	12	0	0	0	0	0	0	0	0	0	4	1
13	0	8	0	0	0	0	0	0	0	0	0	0	1
14	0	5	0	0	0	0	0	0	0	0	0	3	1
15	0	5	0	0	0	0	0	0	0	0	0	4	1
16	0	7	0	0	0	0	0	0	0	0	0	6	1
17	0	6	0	0	0	0	0	0	0	0	0	11	1
18	0	8	0	0	0	0	0	0	0	0	0	0	1
19	0	21	0	0	0	0	0	0	0	0	0	0	2
20	0	8	0	0	0	0	0	0	0	0	0	8	2
21	7	6	0	0	0	0	0	0	0	0	0	5	2
22	6	10	0	0	0	0	0	0	0	0	0	6	3
23	12	5	0	0	0	0	0	0	0	0	0	0	2
ALL	3	10	0	0	0	0	0	0	0	0	0	4	1

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 37-8 THRU 37-10:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	22	13	14	13	8	3	0	7	7	7	22	28	144
01	17	12	15	11	5	3	0	6	9	8	23	21	130
02	34	11	16	8	6	5	1	7	7	6	22	27	150
03	29	10	17	12	5	2	1	4	8	3	24	21	136
04	30	6	19	12	5	2	1	7	8	6	22	25	143
05	23	13	19	9	5	4	2	3	8	8	22	23	139
06	23	9	17	15	7	3	0	7	8	9	17	28	143
07	21	12	17	18	18	8	2	9	11	17	20	26	179
08	19	11	21	27	30	8	9	11	6	18	17	23	200
09	25	16	34	39	33	7	11	13	15	26	27	24	270
10	24	20	36	45	25	8	10	16	17	34	27	30	292
11	28	24	33	44	32	11	16	16	20	33	28	29	314
12	30	25	31	49	38	14	11	15	18	34	27	27	319
13	32	25	41	57	38	12	24	25	26	26	20	28	354
14	31	21	36	56	40	13	17	21	17	29	24	32	337
15	27	22	36	44	37	16	15	22	16	25	27	24	311
16	27	14	27	34	39	13	11	23	14	20	23	17	262
17	23	16	23	39	38	13	14	17	14	14	20	19	250
18	21	13	21	26	27	10	8	10	7	16	14	19	192
19	23	14	17	21	19	8	8	9	12	13	21	18	183
20	19	13	14	13	14	5	6	6	7	11	21	24	153
21	15	17	18	18	15	4	3	6	10	15	22	20	163
22	17	20	12	16	9	3	3	5	7	13	21	17	143
23	17	20	13	10	10	2	2	4	8	7	22	19	134
ALL	577	377	547	636	503	177	175	269	280	398	533	569	5041

TABLE 37-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	33	67	57	0	33	*	*	50	0	0	38	0	30
01	14	67	57	29	*	*	*	100	75	0	27	0	36
02	17	100	50	25	50	*	*	100	75	50	44	14	40
03	20	67	36	0	50	*	*	100	67	*	13	38	32
04	25	33	33	29	*	*	*	0	67	100	0	25	30
05	25	50	55	20	0	*	*	0	50	0	25	29	33
06	20	50	36	20	*	*	*	0	50	0	0	33	26
07	11	20	50	44	0	0	*	50	60	0	0	30	28
08	33	0	60	44	0	*	0	0	100	40	40	33	36
09	33	50	40	42	0	0	*	0	0	10	29	20	26
10	20	20	22	38	20	0	0	11	0	9	13	25	19
11	57	29	13	15	0	0	0	17	33	0	0	13	14
12	29	14	33	53	10	25	0	0	43	0	0	60	27
13	63	0	21	31	11	0	0	13	43	0	0	44	23
14	50	33	27	23	0	0	0	0	25	27	17	63	26
15	33	50	15	24	0	0	0	13	25	40	17	38	22
16	50	20	56	25	23	33	*	17	40	100	44	25	34
17	40	50	50	40	25	0	0	17	50	50	17	0	31
18	43	50	0	33	14	0	0	33	0	67	17	33	29
19	13	40	0	43	0	0	0	100	0	67	18	25	24
20	25	67	17	50	0	0	0	100	50	50	17	14	28
21	22	50	29	0	0	*	*	100	67	50	20	50	35
22	44	25	0	0	0	0	*	100	0	67	25	40	28
23	43	25	57	0	50	*	*	0	33	100	33	38	40
ALL	31	37	34	30	11	8	0	21	42	25	20	31	28

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

TABLE 37-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	33	0	0	0	*	*	0	0	0	0	0	2
01	14	0	0	0	*	*	*	0	0	0	0	0	2
02	0	0	0	0	0	*	*	0	0	0	0	0	0
03	0	0	0	0	0	*	*	0	0	*	13	0	2
04	0	33	0	0	*	*	*	0	0	0	0	13	5
05	0	50	0	0	0	*	*	0	0	0	0	14	4
06	0	0	0	0	*	*	*	0	0	0	0	11	2
07	0	40	0	0	0	0	*	0	0	0	0	10	5
08	0	50	0	0	0	*	0	0	0	0	0	8	3
09	0	17	20	0	0	0	*	0	0	0	0	10	5
10	0	20	0	0	0	0	0	0	0	0	0	13	2
11	0	29	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	10	1
13	0	13	0	0	0	0	0	0	0	0	0	0	1
14	0	11	0	0	0	0	0	0	0	0	0	0	1
15	0	25	0	6	0	0	0	0	0	0	0	13	3
16	0	20	0	0	0	0	*	0	0	0	0	0	1
17	0	33	0	0	0	0	0	0	0	0	0	0	4
18	0	13	20	0	0	0	0	0	0	0	0	0	4
19	0	20	25	0	0	0	0	0	0	0	0	25	6
20	0	33	0	0	0	0	0	0	0	0	0	14	4
21	0	0	29	0	0	*	*	0	0	0	0	0	4
22	0	25	20	0	0	0	*	0	0	0	13	0	7
23	0	25	14	0	0	*	*	0	0	0	17	0	7
ALL	0	19	4	0	0	0	0	0	0	0	2	6	3

TABLE 37-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	17	33	0	0	0	*	*	0	0	0	0	0	5
01	0	0	0	0	*	*	*	0	0	0	0	0	0
02	0	0	0	0	0	*	*	0	0	0	0	0	0
03	0	0	0	0	0	*	*	0	0	*	0	0	0
04	0	33	0	0	*	*	*	0	0	0	0	13	5
05	0	0	0	0	0	*	*	0	0	0	0	14	2
06	0	0	0	0	*	*	*	0	0	0	0	11	2
07	0	40	0	0	0	0	*	0	0	0	0	10	5
08	0	50	0	0	0	*	0	0	0	0	0	8	3
09	0	14	0	0	0	0	*	0	0	0	0	10	2
10	0	17	0	0	0	0	0	0	0	0	0	13	2
11	0	29	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	11	1
13	0	13	0	0	0	0	0	0	0	0	0	0	1
14	0	11	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	13	1
16	0	20	0	0	0	0	*	0	0	0	0	0	1
17	0	20	0	0	0	0	0	0	0	0	0	0	2
18	0	13	0	0	0	0	0	0	0	0	0	0	2
19	0	20	0	0	0	0	0	0	0	0	0	0	2
20	0	33	0	0	0	0	0	0	0	0	0	14	4
21	11	0	0	0	0	*	*	0	0	0	0	0	2
22	0	25	0	0	0	0	*	0	0	0	0	0	2
23	14	25	0	0	0	*	*	0	0	0	0	0	5
ALL	1	16	0	0	0	0	0	0	0	0	0	6	2

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 37-11 THRU 37-13:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	3	7	2	3	0	0	2	2	3	8	8	44
01	7	3	7	7	0	0	0	2	4	1	11	5	47
02	12	3	6	4	2	0	0	1	4	2	9	7	50
03	10	3	11	4	2	0	0	1	3	0	7	8	49
04	8	3	9	7	0	0	0	1	3	1	4	8	44
05	8	2	11	5	2	0	0	2	4	1	4	7	46
06	10	2	11	5	0	0	0	3	3	2	4	9	49
07	10	5	10	9	4	1	0	2	5	2	7	10	65
08	6	2	10	9	7	0	1	2	2	5	5	12	61
09	13	7	10	12	7	1	0	5	1	10	7	10	83
10	12	6	9	14	5	1	1	9	5	11	8	8	89
11	8	7	14	14	10	3	4	6	3	12	8	8	97
12	8	7	15	15	10	4	2	4	6	8	9	9	97
13	8	8	14	14	9	2	4	8	7	6	5	9	94
14	10	9	11	13	10	3	2	7	4	11	6	8	94
15	12	4	13	17	11	1	2	8	4	5	6	8	91
16	6	5	9	12	13	3	0	6	5	1	9	4	73
17	5	5	2	10	8	1	1	6	2	2	6	3	51
18	7	8	5	9	7	1	1	3	2	3	6	3	55
19	8	5	4	7	2	2	1	1	3	3	11	4	51
20	8	3	6	4	3	2	1	1	2	4	6	7	47
21	9	4	7	4	3	0	0	2	3	6	5	8	51
22	9	4	5	4	2	1	0	1	1	3	8	5	43
23	7	4	7	3	2	0	0	1	3	2	6	8	43
ALL	207	112	213	204	122	26	20	84	81	104	165	176	1514

TABLE 37-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	50	100	60	0	0	*	*	*	0	*	67	0	47
01	25	*	75	0	*	*	*	*	75	*	33	0	40
02	20	100	50	*	*	*	*	*	50	*	0	33	38
03	0	0	40	0	0	*	*	100	100	*	0	0	29
04	0	*	100	50	*	*	*	*	0	100	0	0	36
05	0	*	100	50	*	*	*	0	0	*	0	33	38
06	25	*	29	0	*	*	*	0	0	*	0	60	29
07	0	0	60	100	0	*	*	0	0	*	0	67	33
08	67	*	60	0	*	*	*	*	*	*	50	75	53
09	33	50	33	50	0	*	*	0	*	50	*	50	38
10	25	0	17	25	*	0	*	0	*	0	*	33	17
11	50	100	20	33	0	*	*	0	*	0	0	33	26
12	0	50	29	50	50	0	0	0	100	0	0	50	34
13	75	0	50	67	100	0	0	25	100	0	*	50	50
14	75	0	33	25	0	*	0	0	0	33	0	100	28
15	75	100	0	33	0	*	*	0	50	*	100	50	40
16	100	100	50	20	0	0	*	33	100	*	50	*	39
17	100	100	50	25	100	*	0	33	0	50	*	0	47
18	100	75	0	25	*	*	*	33	0	50	*	*	41
19	*	0	0	50	*	*	*	100	0	100	0	100	42
20	25	*	0	0	*	*	0	*	0	67	0	33	24
21	20	*	33	0	*	*	*	100	*	100	0	67	44
22	75	*	0	0	*	*	*	100	0	100	25	100	50
23	67	0	67	*	0	*	*	*	0	*	33	0	38
ALL	40	50	41	31	17	0	0	27	43	46	25	47	37

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

TABLE 37-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	*	*	0	*	0	0	0
01	0	*	0	0	*	*	*	*	0	*	0	0	0
02	0	0	0	*	*	*	*	*	0	*	0	0	0
03	0	0	0	0	0	*	*	0	0	*	0	0	0
04	0	*	0	0	*	*	*	*	0	0	0	0	0
05	0	*	0	0	*	*	*	0	0	*	0	0	0
06	0	*	0	0	*	*	*	0	0	*	0	0	0
07	0	0	0	0	0	*	*	0	0	*	0	0	0
08	0	*	0	0	*	*	*	*	*	*	0	0	0
09	0	50	0	0	0	*	*	0	*	0	*	25	8
10	0	0	0	0	*	0	*	0	*	0	*	0	0
11	0	0	0	0	0	*	*	0	*	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	*	0	0
14	0	50	0	0	0	*	0	0	0	0	0	0	4
15	0	0	0	0	0	*	*	0	0	*	0	0	0
16	0	0	0	0	0	0	*	0	0	*	0	*	0
17	0	0	0	0	0	*	0	0	0	0	*	0	0
18	0	25	0	0	*	*	*	0	0	0	*	*	6
19	*	0	100	0	*	*	*	0	0	0	0	0	8
20	0	*	0	0	*	*	0	*	0	0	0	0	0
21	0	*	33	0	*	*	*	0	*	0	0	0	6
22	0	*	0	0	*	*	*	0	0	0	0	0	0
23	0	0	0	*	0	*	*	*	0	*	33	0	8
ALL	0	13	2	0	0	0	0	0	0	0	3	2	2

TABLE 37-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	*	*	0	*	0	0	0
01	0	*	0	0	*	*	*	*	0	*	0	0	0
02	0	0	0	*	*	*	*	*	0	*	0	0	0
03	0	0	0	0	0	*	*	0	0	*	0	0	0
04	0	*	0	0	*	*	*	*	0	0	0	0	0
05	0	*	0	0	*	*	*	0	0	*	0	0	0
06	0	*	0	0	*	*	*	0	0	*	0	0	0
07	0	0	0	0	0	*	*	0	0	*	0	0	0
08	0	*	0	0	*	*	*	*	*	*	0	0	0
09	0	50	0	0	0	*	*	0	*	0	*	25	8
10	0	0	0	0	*	0	*	0	*	0	*	0	0
11	0	0	0	0	0	*	*	0	*	0	0	0	0
12	0	0	0	0	0	0	*	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	*	0	0
14	0	50	0	0	0	*	0	0	0	0	0	0	4
15	0	0	0	0	0	*	*	0	0	*	0	0	0
16	0	0	0	0	0	0	*	0	0	*	0	*	0
17	0	0	0	0	0	*	0	0	0	0	*	0	0
18	0	25	0	0	*	*	*	0	0	0	*	*	6
19	*	0	0	0	*	*	*	0	0	0	0	0	0
20	0	*	0	0	*	*	0	*	0	0	0	0	0
21	20	*	0	0	*	*	*	0	*	0	0	0	6
22	0	*	0	0	*	*	*	0	0	0	0	0	0
23	0	0	0	*	0	*	*	*	0	*	0	0	0
ALL	1	13	0	0	0	0	0	0	0	0	0	2	1

STATION: RAF WOODBRIDGE, UK

WMO #: 035951

RUNWAY HEADING: 090-270

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 37-14 THRU 37-16:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	1	5	1	1	0	0	0	1	0	3	1	15
01	4	0	4	3	0	0	0	0	4	0	3	2	20
02	5	1	4	0	0	0	0	0	2	0	1	3	16
03	2	1	5	2	1	0	0	1	2	0	1	2	17
04	3	0	2	4	0	0	0	0	1	1	1	2	14
05	2	0	3	2	0	0	0	1	1	0	1	3	13
06	4	0	7	2	0	0	0	1	1	0	1	5	21
07	4	1	5	1	1	0	0	1	1	0	1	3	18
08	3	0	5	3	0	0	0	0	0	0	2	4	17
09	7	2	3	4	2	0	0	1	0	2	0	4	25
10	4	1	6	5	0	1	0	2	0	3	0	3	25
11	4	1	5	4	2	0	0	1	0	2	2	3	24
12	3	2	7	8	2	1	0	2	2	2	1	2	32
13	4	2	4	7	1	1	1	4	2	1	0	4	31
14	4	2	3	4	1	0	1	2	2	3	2	1	25
15	4	1	3	3	2	0	0	2	2	0	1	2	20
16	1	1	4	5	3	1	0	3	1	0	4	0	23
17	2	1	2	4	1	0	1	3	1	2	0	1	18
18	1	4	2	4	0	0	0	3	1	2	0	0	17
19	0	1	1	2	0	0	0	1	1	2	3	1	12
20	4	0	3	1	0	0	1	0	1	3	1	3	17
21	5	0	3	1	0	0	0	1	0	1	1	6	18
22	4	0	1	3	0	0	0	1	1	2	4	2	18
23	3	1	3	0	1	0	0	0	1	0	3	1	13
ALL	79	23	90	73	18	4	4	30	28	26	36	58	469

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

TABLE 38-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	6	9	7	7	3	2	3	3	5	5	5	8	5
01	6	7	6	4	2	3	1	3	5	3	4	7	4
02	6	6	5	5	2	2	2	2	5	4	3	6	4
03	5	9	6	4	3	2	2	2	5	4	3	8	4
04	4	6	4	4	2	1	1	2	4	4	3	7	3
05	5	7	4	4	2	1	1	1	4	3	3	8	4
06	4	7	5	5	2	1	2	1	4	4	3	7	4
07	5	4	5	5	3	2	1	2	4	4	3	8	4
08	6	5	6	8	4	3	3	2	4	3	3	8	5
09	7	7	10	11	6	4	5	3	3	5	4	9	6
10	8	8	13	11	7	3	3	3	3	5	4	11	7
11	10	9	16	12	9	4	4	3	6	8	8	12	8
12	10	13	16	15	9	4	5	3	5	8	9	12	9
13	12	12	15	14	8	6	5	5	3	9	8	14	9
14	11	12	15	14	9	8	7	5	5	9	6	13	10
15	9	13	19	16	9	8	8	7	6	9	8	11	10
16	7	12	16	12	10	9	9	6	6	8	6	9	9
17	6	8	12	12	9	8	10	6	5	6	4	8	8
18	5	9	10	15	8	7	8	4	2	4	5	7	7
19	6	5	7	7	6	4	4	3	3	3	5	8	5
20	6	6	6	4	4	3	4	3	5	5	4	8	5
21	5	8	8	7	5	3	4	3	5	5	4	9	5
22	5	6	7	6	4	1	3	3	5	5	5	8	5
23	5	8	7	6	4	3	4	3	6	4	5	8	5
ALL	7	8	9	9	5	4	4	3	5	5	5	9	6

TABLE 38-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	3	4	3	2	0	0	1	1	2	1	1	3	2
01	2	4	2	1	1	0	0	0	2	2	1	3	1
02	3	3	1	1	0	0	0	0	1	1	0	3	1
03	2	2	1	0	0	0	0	0	1	1	0	4	1
04	2	3	1	1	0	0	0	0	1	1	0	3	1
05	1	3	0	1	0	0	0	0	1	1	1	3	1
06	2	3	1	0	1	0	0	0	1	1	1	3	1
07	2	2	1	2	0	0	0	1	0	1	0	3	1
08	3	2	3	3	1	0	0	0	0	2	1	4	2
09	3	3	3	2	1	0	1	0	0	2	2	4	2
10	3	2	4	3	2	0	0	0	1	1	1	5	2
11	3	3	4	4	1	0	0	1	2	2	1	5	2
12	4	4	4	5	1	1	2	0	0	2	3	6	3
13	4	3	3	2	2	1	1	0	0	3	2	6	2
14	3	4	4	5	2	1	2	0	1	3	3	5	3
15	3	6	5	5	2	2	1	1	2	2	1	4	3
16	2	5	6	5	3	2	2	0	1	2	1	5	3
17	1	3	3	5	2	2	3	0	1	2	1	3	2
18	1	4	3	4	1	2	3	1	1	1	1	3	2
19	1	2	1	1	1	1	1	0	0	1	1	4	1
20	2	1	2	1	1	0	0	0	1	2	1	3	1
21	1	2	2	2	0	0	2	0	1	1	1	3	1
22	1	2	2	1	1	0	1	0	1	2	1	4	1
23	2	2	3	2	1	0	0	1	1	1	2	3	2
ALL	2	3	3	2	1	1	1	0	1	2	1	4	2

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

TABLE 38-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	2	0	0	0	0	0	0	0	0	1	0	0
01	1	1	1	0	0	0	0	0	0	1	0	0	0
02	1	2	0	0	0	0	0	0	0	0	0	1	0
03	1	1	0	0	0	0	0	0	0	0	0	0	0
04	1	1	0	0	0	0	0	0	0	0	0	0	0
05	1	1	0	0	0	0	0	0	0	0	0	0	0
06	0	2	0	0	0	0	0	0	0	0	0	1	0
07	0	1	0	0	0	0	0	0	0	0	0	1	0
08	2	0	1	1	0	0	0	0	0	0	0	1	0
09	1	1	0	1	0	0	0	0	0	1	0	2	1
10	1	0	1	1	1	0	0	0	0	0	1	2	1
11	1	0	1	0	0	0	0	0	0	0	0	3	1
12	2	2	2	2	0	0	1	0	0	1	1	3	1
13	1	0	2	0	0	0	0	0	0	1	0	1	1
14	1	1	2	1	0	0	1	0	0	1	0	2	1
15	1	3	1	2	0	0	1	0	1	0	0	2	1
16	1	1	1	1	0	2	0	0	0	1	0	1	1
17	1	1	1	1	0	1	0	0	0	0	0	1	1
18	0	2	1	1	0	0	0	0	0	0	0	1	1
19	1	0	0	0	0	0	0	0	0	0	0	1	0
20	1	1	0	0	0	0	0	0	0	1	0	2	0
21	1	1	1	0	0	0	0	0	0	1	0	2	1
22	0	1	0	0	0	0	1	0	0	0	0	2	0
23	0	2	1	1	0	0	0	0	0	0	0	1	0
ALL	1	1	1	1	0	0	0	0	0	1	0	1	1

TABLE 38-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	1	0	0	0	0	0	0	0	0	0	0	0
01	0	1	0	0	0	0	0	0	0	0	0	0	0
02	0	1	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	1	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	1	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	1	0	0	0	0	0	0	0	0	0	0	0	0
09	1	1	0	0	0	0	0	0	0	0	0	0	0
10	1	0	1	1	0	0	0	0	0	0	0	1	0
11	1	0	0	0	0	0	0	0	0	0	0	2	0
12	1	1	0	0	0	0	0	0	0	0	0	1	0
13	1	0	0	0	0	0	0	0	0	0	0	1	0
14	1	1	0	0	0	0	0	0	0	0	0	1	0
15	0	1	0	1	0	0	0	0	0	0	0	1	0
16	1	1	0	0	0	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	1	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	1	0
21	0	0	1	0	0	0	0	0	0	0	0	1	0
22	0	0	0	0	0	0	0	0	0	0	0	1	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	1	0

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 38-1 THRU 38-4:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	433	394	433	417	433	414	434	434	418	432	418	432	5092
01	422	379	417	407	426	400	418	431	415	429	414	432	4990
02	429	386	417	399	414	400	419	429	420	428	414	431	4986
03	434	394	433	418	433	412	429	430	419	431	418	432	5083
04	424	389	426	408	422	409	417	429	415	430	416	427	5012
05	425	393	425	409	424	405	425	431	416	430	416	428	5027
06	434	393	433	419	430	418	432	433	419	432	416	431	5090
07	433	395	433	414	427	416	428	433	419	430	417	433	5078
08	433	393	429	413	421	412	425	431	418	431	417	432	5055
09	434	395	430	419	432	417	430	432	415	432	416	432	5084
10	434	394	427	413	423	413	430	433	417	433	418	429	5064
11	432	393	425	412	420	412	430	431	419	429	416	430	049
12	434	395	433	419	430	413	427	427	418	433	415	432	5076
13	433	390	424	410	422	413	428	432	415	429	415	432	5043
14	432	388	430	404	419	412	429	431	419	432	417	430	5043
15	432	394	431	413	431	413	432	430	419	428	419	432	5074
16	433	392	428	409	420	416	428	434	417	433	417	432	5059
17	433	393	429	413	422	413	430	433	416	432	414	431	5059
18	434	394	431	419	428	415	430	431	419	432	419	431	5083
19	429	393	428	417	422	412	431	433	417	433	419	431	5065
20	433	392	427	417	426	416	430	433	418	431	419	432	5074
21	434	395	432	420	432	415	433	433	419	433	419	433	5098
22	431	391	427	415	423	403	426	431	418	434	419	432	5050
23	427	388	427	413	420	410	426	432	417	431	419	431	5041
		9403		9917		9879		10357		10348		10348	
ALL	10352		10275		10200		10267		10022		10007		121375

TABLE 38-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	10	8	0	9	0	0	0	0	5	0	0	3
01	8	4	8	0	0	10	0	7	0	14	6	0	5
02	8	0	16	6	0	0	13	0	0	13	0	0	5
03	0	0	5	0	11	0	0	0	0	13	0	8	4
04	5	0	6	13	0	0	0	11	0	0	0	0	3
05	10	0	0	0	13	0	0	0	0	7	0	0	2
06	7	9	12	0	20	0	0	0	6	8	0	7	6
07	14	6	0	0	8	0	0	11	0	0	0	6	4
08	4	5	4	0	12	0	0	0	0	0	0	0	2
09	4	7	3	0	6	0	0	0	0	0	8	11	4
10	6	0	0	5	0	7	0	0	0	0	0	6	2
11	2	3	0	0	6	0	0	0	7	0	0	8	2
12	6	0	2	0	4	0	0	0	7	8	4	8	3
13	8	4	3	0	9	0	0	0	8	3	9	7	4
14	6	2	2	7	8	3	10	0	0	3	0	7	4
15	9	3	2	13	3	0	0	6	0	0	5	8	5
16	3	2	1	6	7	8	3	12	0	6	0	5	4
17	12	9	0	0	0	6	7	0	0	8	6	6	4
18	10	12	5	10	3	18	0	23	14	0	6	8	8
19	8	16	4	3	8	6	0	7	8	0	0	0	5
20	12	13	0	6	5	9	0	0	10	0	0	0	5
21	6	5	4	5	14	0	17	9	0	11	0	3	6
22	4	4	4	9	12	0	8	0	5	5	5	3	5
23	5	0	7	0	0	7	7	8	0	0	0	0	2
ALL	7	4	3	4	6	4	3	4	2	4	2	4	4

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

TABLE 38-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0	0	0	0	0
07	0	0	0	0	0	0	0	0	0	0	0	0	0
08	0	0	4	0	0	0	0	0	0	0	0	0	0
09	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 38-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	3	0	0	0	0	0	0	0	0	0	11	2
01	0	0	0	0	0	0	0	0	0	0	0	7	1
02	4	0	0	0	0	0	0	0	0	0	0	8	2
03	0	3	0	0	0	0	0	0	0	0	0	9	2
04	0	4	0	0	0	0	0	0	0	0	8	7	2
05	5	4	0	0	0	0	0	0	0	0	14	6	3
06	6	3	0	0	0	0	0	0	0	0	7	3	2
07	5	18	0	0	0	0	0	0	0	0	0	6	3
08	4	11	0	0	0	0	0	0	0	0	0	6	2
09	0	0	0	0	0	0	0	0	0	0	0	5	1
10	6	0	0	0	0	0	0	0	0	0	0	2	1
11	2	0	0	0	0	0	0	0	0	0	0	0	0
12	2	0	0	0	0	0	0	0	0	0	0	0	0
13	4	0	0	0	0	0	0	0	0	0	0	0	0
14	2	0	0	0	0	0	0	0	0	0	0	0	0
15	3	0	0	0	0	0	0	0	0	0	0	0	0
16	7	0	0	0	0	0	0	0	0	0	0	0	0
17	4	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	4	5	0	0	0	0	0	0	0	0	0	0	1
20	0	4	0	0	0	0	0	0	0	0	0	3	1
21	0	3	0	0	0	0	0	0	0	0	0	5	1
22	0	8	0	0	0	0	0	0	0	0	0	6	2
23	0	6	0	0	0	0	0	0	0	0	0	9	2
ALL	3	2	0	0	0	0	0	0	0	0	1	3	1

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 38-5 THRU 38-7:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	25	36	30	28	15	9	13	11	22	21	19	36	265
01	25	27	25	17	10	10	4	14	21	14	16	30	213
02	24	24	19	18	9	9	8	10	22	15	12	24	194
03	23	36	23	17	11	8	9	10	20	16	13	33	219
04	19	24	16	15	7	4	5	9	18	16	13	29	175
05	20	26	17	17	8	4	5	5	15	15	14	33	179
06	18	29	22	20	9	3	9	6	17	17	14	30	194
07	21	17	22	22	12	8	6	9	17	16	14	34	198
08	24	19	27	34	17	11	12	10	17	14	12	35	232
09	31	27	44	46	26	17	20	11	12	20	17	41	312
10	35	30	55	45	31	14	14	15	14	22	18	49	342
11	43	35	68	49	36	16	17	13	27	34	34	53	425
12	45	53	69	64	38	17	21	12	20	33	38	51	461
13	51	45	62	56	34	26	21	20	13	37	35	60	460
14	47	46	64	58	39	33	29	21	20	37	27	57	478
15	38	53	81	68	40	32	36	29	27	37	35	46	522
16	30	47	66	49	42	36	38	26	25	35	24	40	458
17	26	33	51	51	36	32	42	28	20	25	17	33	394
18	20	35	45	61	36	27	34	16	9	17	20	30	350
19	24	19	28	30	24	17	18	14	13	13	21	36	257
20	25	24	26	16	19	11	17	13	21	20	17	34	243
21	21	31	35	30	23	11	18	12	21	21	15	37	275
22	23	25	28	23	17	5	12	11	21	20	20	34	239
23	20	31	28	23	16	14	15	12	25	19	20	35	258
ALL	678	772	951	857	555	374	423	337	457	534	485	920	7343

TABLE 38-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	17	22	0	0	*	0	0	0	20	0	0	7
01	0	7	25	0	0	*	*	0	0	14	0	0	5
02	0	0	40	0	0	*	100	0	0	20	0	0	7
03	0	0	0	0	*	*	*	0	0	17	0	8	5
04	0	0	0	0	0	*	*	*	0	0	0	0	0
05	0	0	0	0	0	0	*	*	0	0	0	0	0
06	17	8	0	0	0	0	0	*	33	0	0	7	8
07	0	17	0	0	0	*	0	33	0	0	0	0	4
08	0	11	9	0	25	0	0	*	0	0	0	0	4
09	0	14	0	0	0	0	0	*	0	0	0	7	3
10	0	0	0	9	0	0	0	*	0	0	0	0	1
11	7	0	0	0	0	0	0	0	13	0	0	4	3
12	0	0	0	0	0	0	0	*	0	13	0	11	3
13	0	8	0	0	33	0	0	0	0	7	13	13	7
14	7	0	0	10	13	0	29	0	0	8	0	0	5
15	0	8	0	13	0	0	0	50	0	0	17	0	5
16	0	6	0	5	18	30	0	100	0	0	0	5	6
17	0	30	0	0	0	11	0	0	0	0	0	0	4
18	20	13	0	11	20	29	0	25	33	0	0	8	12
19	20	14	0	17	50	0	0	0	0	0	0	0	8
20	0	0	0	0	25	0	0	0	33	0	0	0	3
21	0	0	0	0	0	0	67	0	0	17	0	0	6
22	0	0	0	0	33	*	0	0	0	0	0	0	1
23	13	0	0	0	0	50	50	33	0	0	0	0	5
ALL	3	6	3	4	12	12	8	14	4	5	2	3	5

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

TABLE 38-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	0	*	0	0	0	0	0	0	0
01	0	0	0	0	0	*	*	0	0	0	0	0	0
02	0	0	0	0	0	*	0	0	0	0	0	0	0
03	0	0	0	0	*	*	*	0	0	0	0	0	0
04	0	0	0	0	0	*	*	*	0	0	0	0	0
05	0	0	0	0	0	0	*	*	0	0	0	0	0
06	0	0	0	0	0	0	0	*	0	0	0	0	0
07	0	0	0	0	0	*	0	0	0	0	0	0	0
08	0	0	9	0	0	0	0	*	0	0	0	0	1
09	0	0	0	0	0	0	0	*	0	0	0	0	0
10	0	0	0	0	0	0	0	*	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	*	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	*	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 38-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	7	0	0	0	0	0	0	0	0	0	7	2
01	0	0	0	0	0	*	*	0	0	0	0	9	1
02	0	0	0	0	0	*	0	0	0	0	0	8	2
03	0	0	0	0	*	*	0	0	0	0	0	6	2
04	0	10	0	0	0	*	*	*	0	0	0	7	4
05	0	8	0	0	0	0	*	*	0	0	20	9	6
06	0	0	0	0	0	0	0	*	0	0	0	0	0
07	0	0	0	0	0	*	0	0	0	0	0	8	2
08	0	0	0	0	0	0	0	*	0	0	0	6	1
09	0	0	0	0	0	0	0	0	0	0	0	6	1
10	0	0	0	0	0	0	0	*	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	5	0	0	0	0	0	0	0	0	0	0	0	1
13	6	0	0	0	0	0	0	0	0	0	0	0	1
14	7	0	0	0	0	0	0	0	0	0	0	0	1
15	9	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	8	2
21	0	14	0	0	0	0	0	0	0	0	0	7	3
22	0	13	0	0	0	*	0	0	0	0	0	6	3
23	0	11	0	0	0	0	0	0	0	0	0	7	3
ALL	2	2	0	0	0	0	0	0	0	0	1	3	1

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 38-8 THRU 38-10:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	12	15	11	8	1	1	5	5	9	5	6	14	92
01	10	15	8	6	3	0	0	1	8	7	4	11	73
02	11	12	5	4	1	0	1	1	6	5	2	13	61
03	8	7	4	2	0	0	2	1	4	6	2	17	53
04	9	10	6	3	1	0	0	0	6	3	2	14	54
05	6	12	2	4	2	1	0	0	3	5	5	11	51
06	7	13	3	2	3	1	1	0	3	6	3	14	56
07	7	6	6	7	1	0	2	3	1	6	1	12	52
08	11	9	11	11	4	2	2	0	2	7	3	18	80
09	11	10	11	8	6	2	5	1	1	7	7	17	86
10	12	8	17	11	9	1	2	0	3	6	5	20	94
11	14	12	19	18	4	1	2	3	8	7	6	23	117
12	19	16	17	20	3	5	8	1	1	9	11	24	134
13	18	13	14	10	9	3	5	2	2	15	8	24	123
14	14	16	18	21	8	6	7	2	3	12	11	21	139
15	11	24	23	21	7	7	6	6	10	7	6	16	144
16	9	18	23	19	11	10	8	1	4	10	5	21	139
17	6	10	15	20	8	9	12	2	4	8	4	13	111
18	5	15	11	15	6	8	12	4	4	5	6	14	105
19	5	7	4	6	4	3	3	2	2	5	3	16	60
20	8	5	7	5	4	1	2	2	3	7	5	13	62
21	5	7	8	7	2	1	7	1	5	6	5	15	69
22	6	8	8	6	3	0	4	2	4	7	6	16	70
23	8	9	11	9	3	2	2	3	6	4	7	15	79
ALL	232	277	262	243	103	64	98	43	102	165	123	392	2104

TABLE 38-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	*	0	0	50	0	0	6
01	0	0	33	0	*	*	*	*	0	33	0	*	11
02	0	0	0	*	0	*	100	*	0	100	*	0	10
03	0	0	0	0	*	*	*	*	0	0	0	50	7
04	0	0	0	0	0	*	*	*	0	0	0	0	0
05	0	0	0	0	*	0	*	*	*	0	0	0	0
06	0	20	0	*	0	*	*	*	0	0	0	0	6
07	0	50	0	*	*	*	*	*	*	0	*	0	9
08	0	0	0	0	0	*	*	*	*	0	0	0	0
09	0	0	*	0	0	0	0	*	0	0	0	0	0
10	0	0	0	25	0	*	0	*	0	*	0	0	3
11	0	0	0	0	0	*	*	*	0	0	0	0	0
12	0	0	0	0	*	0	0	*	*	0	0	13	3
13	0	0	0	0	50	0	0	0	*	0	0	20	6
14	20	0	0	33	*	0	25	*	*	33	0	0	11
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	*	43	0	*	*	0	0	0	8
17	0	50	0	0	0	25	0	*	0	0	*	0	10
18	0	0	*	*	100	100	0	*	100	0	*	0	24
19	0	0	*	0	*	0	*	*	*	0	0	0	0
20	0	0	0	0	*	*	*	*	*	0	0	0	0
21	0	0	0	0	*	*	100	*	*	0	0	0	5
22	0	0	0	0	100	*	0	0	0	0	0	0	4
23	0	0	0	0	*	50	*	*	0	0	0	0	4
ALL	1	5	2	4	19	32	15	0	6	8	0	2	5

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

TABLE 38-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	*	*	*	*	0	0	0	0	0	0
01	0	0	0	0	*	*	*	*	0	0	0	*	0
02	0	0	0	*	0	*	0	*	0	0	*	0	0
03	0	0	0	0	*	*	*	*	0	0	0	0	0
04	0	0	0	0	0	*	*	*	0	0	0	0	0
05	0	0	0	0	*	0	*	*	*	0	0	0	0
06	0	0	0	*	0	*	*	*	0	0	0	0	0
07	0	0	0	*	*	*	*	*	*	0	*	0	0
08	0	0	33	0	0	*	*	*	*	0	0	0	5
09	0	0	*	0	0	0	0	*	0	0	0	0	0
10	0	0	0	0	0	*	0	*	0	*	0	0	0
11	0	0	0	0	0	*	*	*	0	0	0	0	0
12	0	0	0	0	*	0	0	*	*	0	0	0	0
13	0	0	0	0	0	0	0	0	*	0	0	0	0
14	0	0	0	0	*	0	0	*	*	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	*	0	0	*	*	0	0	0	0
17	0	0	0	0	0	0	0	*	0	0	*	0	0
18	0	0	*	*	0	0	0	*	0	0	*	0	0
19	0	0	*	0	*	0	*	*	*	0	0	0	0
20	0	0	0	0	*	*	*	*	*	0	0	0	0
21	0	0	0	0	*	*	0	*	*	0	0	0	0
22	0	0	0	0	0	*	0	0	0	0	0	0	0
23	0	0	0	0	*	0	*	*	0	0	0	0	0
ALL	0	0	2	0	0	0	0	0	0	0	0	0	0

TABLE 38-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	*	*	0	0	0	0	0	0
01	0	0	0	0	*	*	*	*	0	0	0	*	0
02	0	0	0	*	0	*	0	*	0	0	*	25	5
03	0	0	0	0	*	*	*	*	0	0	0	0	0
04	0	0	0	0	0	*	*	*	0	0	0	0	0
05	0	0	0	0	*	0	*	*	*	0	0	0	0
06	0	0	0	*	0	*	*	*	0	0	0	0	0
07	0	0	0	*	*	*	*	*	*	0	*	0	0
08	0	0	0	0	0	*	*	*	*	0	0	0	0
09	0	0	0	0	0	0	0	*	0	0	0	0	0
10	0	0	0	0	0	*	0	*	0	*	0	0	0
11	0	0	0	0	0	*	*	*	0	0	0	0	0
12	0	0	0	0	*	0	0	*	*	0	0	0	0
13	0	0	0	0	0	0	0	0	*	0	0	0	0
14	0	0	0	0	*	0	0	*	*	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	*	0	0	*	*	0	0	0	0
17	0	0	0	0	0	0	0	*	0	0	*	0	0
18	0	0	0	0	0	0	0	*	0	0	*	0	0
19	0	0	*	0	*	0	*	*	*	0	0	0	0
20	0	0	0	0	*	*	*	*	*	0	0	0	0
21	0	0	0	0	*	*	0	*	*	0	0	10	4
22	0	33	0	0	0	*	0	0	0	0	0	14	8
23	0	17	0	0	*	0	*	*	0	0	0	17	8
ALL	0	2	0	0	0	0	0	0	0	0	0	3	1

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 38-11 THRU 38-13:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	4	7	1	1	0	0	0	1	1	2	3	2	22
01	3	5	3	2	0	0	0	0	1	3	2	0	19
02	5	6	1	0	1	0	1	0	1	1	0	4	20
03	6	3	1	1	0	0	0	0	1	1	1	2	16
04	4	5	1	2	1	0	0	0	2	1	1	2	19
05	4	4	1	2	0	1	0	0	0	2	1	1	16
06	1	6	1	0	2	0	0	0	1	1	1	5	18
07	2	2	2	0	0	0	0	0	0	2	0	3	11
08	7	1	3	3	1	0	0	0	0	1	1	3	20
09	5	5	1	3	2	1	1	0	1	5	2	9	35
10	6	1	5	4	3	0	1	0	2	0	3	7	32
11	6	1	4	2	1	0	0	0	2	2	2	11	31
12	7	8	7	8	0	1	3	0	0	5	3	12	54
13	6	1	7	1	2	1	2	1	0	5	1	5	32
14	5	5	7	3	0	1	4	0	0	3	2	7	37
15	4	10	6	7	2	1	3	1	3	2	2	9	50
16	4	3	5	5	0	7	2	0	0	5	2	4	37
17	3	4	6	3	2	4	1	0	1	1	0	6	31
18	2	9	3	4	1	2	2	0	1	2	0	5	31
19	3	1	0	1	0	1	0	0	0	2	1	5	14
20	3	2	1	1	0	0	0	0	0	3	2	7	19
21	3	3	4	1	0	0	1	0	0	3	1	10	26
22	2	3	2	2	1	0	3	1	1	1	2	7	25
23	1	6	3	3	0	2	0	0	2	1	1	6	25
ALL	96	101	75	59	19	22	24	4	20	54	34	132	640

TABLE 38-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	*	*	*	*	*	*	0	0	0
01	0	0	0	*	*	*	*	*	*	50	0	*	11
02	*	0	*	*	*	*	*	*	0	100	*	0	20
03	0	0	0	*	*	*	*	*	*	*	0	100	17
04	0	0	*	*	*	*	*	*	*	*	0	0	0
05	0	*	0	0	*	*	*	*	*	*	0	0	0
06	*	0	0	*	*	*	*	*	*	*	*	*	0
07	0	*	0	*	*	*	*	*	*	*	*	0	0
08	0	*	0	0	*	*	*	*	*	*	*	0	0
09	0	0	*	0	0	*	*	*	*	*	*	0	0
10	0	*	0	25	0	*	*	*	*	*	*	0	7
11	0	0	0	*	*	*	*	*	*	*	0	0	0
12	0	0	0	*	*	*	0	*	*	0	0	25	7
13	0	*	0	*	100	0	0	*	*	*	0	33	17
14	33	0	0	0	*	0	0	*	*	100	0	0	12
15	0	0	*	0	*	*	0	0	0	*	*	0	0
16	0	0	0	0	*	0	*	*	*	*	*	*	0
17	0	*	0	*	*	0	*	*	*	0	*	0	0
18	0	*	*	*	*	100	*	*	100	0	*	0	33
19	0	*	*	*	*	*	*	*	*	*	*	0	0
20	0	*	*	*	*	*	*	*	*	*	*	0	0
21	*	0	0	*	*	*	100	*	*	0	*	0	11
22	0	0	0	0	*	*	0	*	*	0	0	0	0
23	0	0	0	0	*	*	*	*	*	*	*	0	0
ALL	2	0	0	6	33	14	14	0	33	30	0	6	6

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

TABLE 38-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	*	*	*	*	*	*	0	0	0
01	0	0	0	*	*	*	*	*	*	0	0	*	0
02	*	0	*	*	*	*	*	*	0	0	*	0	0
03	0	0	0	*	*	*	*	*	*	*	0	0	0
04	0	0	*	*	*	*	*	*	*	*	0	0	0
05	0	*	0	0	*	*	*	*	*	*	0	0	0
06	*	0	0	*	*	*	*	*	*	*	*	*	0
07	0	*	0	*	*	*	*	*	*	*	*	0	0
08	0	*	100	0	*	*	*	*	*	*	*	0	11
09	0	0	*	0	0	*	*	*	*	*	*	0	0
10	0	*	0	0	0	*	*	*	*	*	*	0	0
11	0	0	0	*	*	*	*	*	*	*	0	0	0
12	0	0	0	*	*	*	0	*	*	0	0	0	0
13	0	*	0	*	0	0	0	*	*	*	0	0	0
14	0	0	0	0	*	0	0	*	*	0	0	0	0
15	0	0	*	0	*	*	0	0	0	*	*	0	0
16	0	0	0	0	*	0	*	*	*	*	*	*	0
17	0	*	0	*	*	0	*	*	*	0	*	0	0
18	0	*	*	*	*	0	*	*	0	0	*	0	0
19	0	*	*	*	*	*	*	*	*	*	*	0	0
20	0	*	*	*	*	*	*	*	*	*	*	0	0
21	*	0	0	*	*	*	0	*	*	0	*	0	0
22	0	0	0	0	*	*	0	*	*	0	0	0	0
23	0	0	0	0	*	*	*	*	*	*	*	0	0
ALL	0	0	4	0	0	0	0	0	0	0	0	0	0

TABLE 38-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	*	*	*	*	*	*	*	*	0	0	0
01	0	0	0	*	*	*	*	*	*	0	0	*	0
02	*	0	*	*	*	*	*	*	0	0	*	0	0
03	0	0	0	*	*	*	*	*	*	*	0	0	0
04	0	0	*	*	*	*	*	*	*	*	0	0	0
05	0	*	0	0	*	*	*	*	*	*	0	0	0
06	*	0	0	*	*	*	*	*	*	*	*	*	0
07	0	*	0	*	*	*	*	*	*	*	*	0	0
08	0	*	0	0	*	*	*	*	*	*	*	0	0
09	0	0	*	0	0	*	*	*	*	*	*	0	0
10	0	*	0	0	0	*	*	*	*	*	*	0	0
11	0	0	0	*	*	*	*	*	*	*	0	0	0
12	0	0	0	*	*	*	0	*	*	0	0	0	0
13	0	*	0	*	0	0	0	*	*	*	0	0	0
14	0	0	0	0	*	0	0	*	*	0	0	0	0
15	0	0	0	0	*	*	0	0	0	*	*	0	0
16	0	0	0	0	*	0	*	*	*	*	*	*	0
17	0	*	0	*	*	0	*	*	*	0	*	0	0
18	0	0	0	*	*	0	*	*	0	0	*	0	0
19	0	*	*	*	*	*	*	*	*	*	*	0	0
20	0	*	*	*	*	*	*	*	*	*	*	0	0
21	*	0	0	*	*	*	0	*	*	0	*	0	0
22	0	0	0	0	*	*	0	*	*	0	0	20	7
23	0	0	0	0	*	*	*	*	*	*	*	0	0
ALL	0	0	0	0	0	0	0	0	0	0	0	2	0

STATION: ZARAGOZA AB, SP

WMO #: 081605

RUNWAY HEADING: 120-300

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 38-14 THRU 38-16:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	2	0	0	0	0	0	0	0	0	1	1	6
01	2	2	2	0	0	0	0	0	0	2	1	0	9
02	0	2	0	0	0	0	0	0	1	1	0	1	5
03	2	1	1	0	0	0	0	0	0	0	1	1	6
04	1	3	0	0	0	0	0	0	0	0	1	1	6
05	1	0	1	1	0	0	0	0	0	0	1	1	5
06	0	2	1	0	0	0	0	0	0	0	0	0	3
07	1	0	2	0	0	0	0	0	0	0	0	1	4
08	4	0	1	2	0	0	0	0	0	0	0	2	9
09	4	3	0	1	2	0	0	0	0	0	0	2	12
10	4	0	3	4	1	0	0	0	0	0	0	3	15
11	6	1	2	0	0	0	0	0	0	0	1	7	17
12	4	3	1	0	0	0	1	0	0	1	1	6	17
13	3	0	2	0	1	1	1	0	0	0	1	3	12
14	3	3	2	2	0	1	1	0	0	1	1	3	17
15	2	2	1	3	0	0	1	1	1	0	0	3	14
16	3	2	2	2	0	3	0	0	0	0	0	0	12
17	2	0	2	0	0	1	0	0	0	1	0	2	8
18	1	2	3	0	0	1	0	0	1	2	0	1	11
19	1	0	0	0	0	0	0	0	0	0	0	1	2
20	2	0	0	0	0	0	0	0	0	0	0	4	6
21	0	1	3	0	0	0	1	0	0	1	0	4	10
22	1	1	2	2	0	0	2	0	0	1	1	5	15
23	1	1	1	2	0	0	0	0	0	0	0	1	6
ALL	50	31	32	19	4	7	7	1	3	10	10	53	227

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

TABLE 39-1. PERCENT FREQUENCY OF CROSSWINDS GTE 10 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	14	6	3	3	1	1	1	0	2	5	10	14	5
01	13	5	4	1	1	1	2	1	2	6	14	17	5
02	16	5	6	1	1	1	1	1	3	4	10	11	5
03	13	6	6	2	1	1	1	1	2	3	11	12	5
04	12	7	4	3	2	1	1	1	2	5	10	12	5
05	11	6	5	3	3	2	0	1	2	4	10	14	5
06	12	7	5	2	2	3	2	1	2	4	10	13	5
07	11	5	5	3	3	2	3	2	2	3	10	11	5
08	12	7	6	4	4	3	4	2	3	5	9	9	6
09	14	8	7	8	5	6	6	4	5	6	7	9	7
10	14	7	10	9	6	7	5	5	5	6	12	9	8
11	14	10	10	9	7	7	9	5	8	8	12	11	9
12	16	8	13	10	9	9	8	5	8	8	11	10	10
13	17	8	15	11	9	9	7	6	8	7	12	11	10
14	15	9	13	11	8	11	10	6	8	5	10	13	10
15	14	9	10	13	9	8	12	6	7	5	8	11	9
16	13	6	10	12	8	6	8	5	3	4	7	7	7
17	12	6	8	7	8	6	8	4	2	3	8	9	7
18	12	5	7	5	6	4	4	2	2	3	7	8	5
19	14	5	5	2	3	1	2	1	1	4	8	10	5
20	13	6	6	1	2	2	1	0	2	3	9	11	5
21	13	5	6	2	1	1	3	0	2	1	9	11	5
22	11	3	5	3	1	2	3	1	1	4	10	14	5
23	12	5	3	3	2	0	2	0	2	4	14	16	5
ALL	13	7	8	6	5	4	5	3	4	5	10	11	7

TABLE 39-2. PERCENT FREQUENCY OF CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	7	3	2	1	0	1	0	0	1	3	5	8	2
01	8	2	1	0	0	0	0	0	0	2	7	9	2
02	7	2	2	1	1	0	0	1	0	2	5	5	2
03	8	2	2	1	0	0	0	0	1	1	4	5	2
04	6	2	1	1	0	0	0	0	1	2	5	6	2
05	6	3	2	1	1	1	0	0	0	1	6	5	2
06	6	3	3	1	1	1	0	1	1	1	5	6	2
07	6	2	2	1	1	1	0	0	1	1	4	3	2
08	5	3	3	1	1	1	1	1	1	2	3	4	2
09	5	2	4	1	1	1	2	1	2	2	3	4	2
10	6	3	3	3	2	1	2	0	1	2	4	3	3
11	6	4	4	3	2	1	3	2	1	2	5	5	3
12	6	2	4	4	3	2	2	2	2	4	5	4	3
13	7	4	5	4	3	3	1	1	2	4	5	4	4
14	7	4	5	4	2	3	2	2	2	2	5	6	4
15	7	3	4	4	3	2	4	3	1	2	4	5	4
16	6	2	3	3	2	2	1	2	1	2	3	4	3
17	5	2	2	2	2	2	2	1	1	1	5	5	3
18	5	3	4	1	2	1	2	0	1	1	4	4	2
19	6	2	2	1	0	0	1	1	0	1	4	6	2
20	8	2	2	1	1	1	1	0	1	2	4	5	2
21	6	2	3	0	0	0	1	0	1	1	5	6	3
22	7	1	2	2	1	1	1	0	0	2	6	6	2
23	6	2	2	1	0	0	1	0	1	2	6	9	2
ALL	6	3	3	2	1	1	1	1	1	2	5	5	3

STATION: ZWEIBRUECKEN AB, FRG

WMO #: 107140

RUNWAY HEADING: 030-210

TABLE 39-3. PERCENT FREQUENCY OF CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	5	0	1	1	0	0	0	0	0	0	3	3	1
01	3	1	1	0	0	0	0	0	0	0	3	2	1
02	3	0	0	0	0	0	0	0	0	0	2	2	1
03	2	1	1	0	0	0	0	0	0	1	2	2	1
04	2	1	1	0	0	0	0	0	0	1	2	2	1
05	2	1	1	0	1	0	0	0	0	0	3	2	1
06	3	1	1	1	0	0	0	0	0	0	3	2	1
07	3	1	1	0	0	0	0	0	0	0	3	2	1
08	2	1	1	0	0	0	0	0	0	1	2	1	1
09	2	1	2	0	0	0	0	0	0	0	2	1	1
10	2	1	1	0	0	0	0	0	0	1	2	1	1
11	3	2	1	0	1	0	0	0	0	1	1	1	1
12	3	1	2	1	1	0	0	0	1	1	1	1	1
13	4	1	2	2	0	0	0	0	0	1	1	1	1
14	3	2	2	2	0	1	0	0	0	0	2	2	1
15	3	1	1	2	0	0	1	1	0	0	2	2	1
16	2	1	0	1	1	1	1	0	0	1	2	1	1
17	2	0	0	1	1	0	1	0	0	0	1	2	1
18	1	0	2	0	0	0	0	0	0	0	1	2	1
19	2	0	1	0	0	0	1	0	0	1	1	2	1
20	3	1	0	1	0	0	0	0	0	0	1	1	1
21	3	1	1	0	0	0	0	0	0	0	1	1	1
22	5	0	1	0	0	0	1	0	0	1	1	2	1
23	3	0	1	0	0	0	0	0	0	1	3	2	1
ALL	3	1	1	1	0	0	0	0	0	1	2	2	1

TABLE 39-4. PERCENT FREQUENCY OF CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	1	0	1	0	0	0	0	0	0	0	2	1	0
01	2	0	0	0	0	0	0	0	0	0	1	1	0
02	1	0	0	0	0	0	0	0	0	0	2	1	0
03	1	0	0	0	0	0	0	0	0	0	1	1	0
04	1	0	0	0	0	0	0	0	0	0	1	1	0
05	1	0	1	0	0	0	0	0	0	0	2	0	0
06	1	0	0	0	0	0	0	0	0	0	1	1	0
07	1	0	1	0	0	0	0	0	0	0	1	1	0
08	1	0	1	0	0	0	0	0	0	0	0	1	0
09	1	0	0	0	0	0	0	0	0	0	1	1	0
10	1	0	1	0	0	0	0	0	0	1	1	0	0
11	1	1	0	0	0	0	0	0	0	0	0	1	0
12	1	0	0	0	0	0	0	0	0	0	1	0	0
13	1	0	0	0	0	0	0	0	0	0	1	0	0
14	1	0	0	0	0	0	0	0	0	0	1	0	0
15	1	0	0	0	0	0	0	0	0	0	1	0	0
16	1	0	0	0	0	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	0	0	0	0	1	0	0
18	0	0	0	0	0	0	0	0	0	0	1	0	0
19	1	0	1	0	0	0	0	0	0	0	1	1	0
20	1	0	0	0	0	0	0	0	0	0	0	0	0
21	2	0	1	0	0	0	0	0	0	0	0	1	0
22	1	0	1	0	0	0	1	0	0	1	1	0	0
23	1	0	0	0	0	0	0	0	0	0	2	1	0
ALL	1	0	0	0	0	0	0	0	0	0	1	0	0

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 39-1 THRU 39-4:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	153	151	172	184	181	173	141	116	167	170	155	126	1889
01	156	154	182	268	287	267	207	182	193	176	159	127	2358
02	306	282	320	328	345	335	288	269	268	266	259	261	3527
03	334	311	351	343	349	333	297	292	287	316	303	302	3818
04	338	315	355	343	349	346	314	311	317	323	304	306	3921
05	344	315	350	348	351	344	335	334	330	338	310	315	4014
06	343	319	352	350	349	346	329	336	330	339	316	320	4029
07	344	317	347	374	375	366	352	354	354	342	318	323	4166
08	367	343	374	390	408	388	382	378	382	374	349	359	4494
09	399	371	410	412	426	403	395	404	398	403	381	385	4787
10	410	382	420	408	422	401	397	403	400	417	404	405	4869
11	415	390	426	409	423	406	400	403	400	423	406	412	4913
12	415	387	429	409	420	408	398	401	400	420	402	412	4901
13	414	391	428	411	428	407	395	403	401	416	402	413	4909
14	416	385	426	404	425	406	401	407	400	415	399	414	4898
15	415	387	425	406	420	403	399	401	393	418	401	413	4881
16	416	382	420	355	357	348	348	345	350	415	405	409	4550
17	339	308	357	352	347	342	332	335	325	350	312	318	4017
18	337	307	353	345	354	344	309	314	323	347	309	313	3955
19	341	312	353	346	344	339	300	306	325	342	308	314	3930
20	342	309	352	345	345	329	289	299	320	342	313	309	3894
21	337	305	341	207	215	201	169	151	212	342	315	309	3104
22	152	146	183	192	192	178	144	124	179	176	160	131	1957
23	156	144	179	180	188	174	146	118	162	171	154	127	1899
		7413		8109		7987		7386		8041		7523	
ALL	7989		8305		8300		7467		7616		7544		93680

TABLE 39-5. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	27	22	60	50	0	0	0	*	100	44	31	33	34
01	40	13	50	50	50	0	50	100	33	27	35	33	36
02	23	14	35	25	75	50	50	0	29	18	38	27	29
03	31	17	48	63	50	0	67	25	40	22	24	31	32
04	24	24	38	45	17	20	0	0	29	31	34	37	30
05	32	32	19	44	40	14	0	50	20	50	23	37	32
06	28	35	26	13	14	0	40	0	17	33	32	24	26
07	41	24	21	17	10	14	33	0	13	45	30	29	28
08	23	30	19	29	22	8	6	29	17	50	26	41	26
09	18	28	24	16	18	17	14	18	30	29	44	26	23
10	25	19	15	14	24	7	5	9	11	28	24	25	18
11	19	25	21	14	21	11	18	5	16	21	28	22	19
12	16	27	27	10	24	19	17	5	9	18	29	33	20
13	22	44	25	7	25	8	0	13	15	21	21	32	20
14	27	26	25	37	16	17	15	16	6	29	24	35	24
15	27	29	26	29	21	16	17	16	12	15	32	25	23
16	23	26	25	19	7	18	7	12	17	56	28	43	23
17	31	21	28	38	15	21	19	8	40	45	33	38	28
18	46	33	33	41	30	15	38	0	40	25	38	21	33
19	32	19	42	29	44	40	33	33	67	62	23	48	37
20	34	22	35	60	75	40	50	*	17	44	29	29	34
21	32	19	25	50	33	100	40	*	50	40	32	27	31
22	24	20	33	20	0	33	25	0	50	43	19	33	27
23	32	29	60	33	0	*	33	*	33	43	24	30	31
ALL	27	26	27	24	23	16	17	13	19	32	29	31	25

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

TABLE 39-6. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	11	0	0	0	0	0	*	0	0	0	6	2
01	0	0	0	0	0	0	0	0	0	0	0	0	0
02	13	0	0	0	0	0	0	0	14	0	4	0	5
03	11	0	10	13	0	0	0	0	0	0	0	6	5
04	12	5	0	0	0	0	0	0	0	0	3	3	4
05	18	5	0	0	0	0	0	0	0	0	7	2	6
06	13	0	5	0	0	0	0	0	0	0	6	2	4
07	15	6	11	17	0	0	0	0	0	0	3	0	6
08	16	9	5	6	0	0	0	0	0	0	3	12	6
09	18	3	7	3	0	0	0	0	0	0	4	9	5
10	11	11	2	5	0	0	0	0	0	0	4	6	4
11	12	10	5	3	0	0	0	0	0	0	4	7	4
12	13	3	2	7	0	0	0	0	0	0	2	7	4
13	9	6	6	5	0	0	0	0	0	0	0	2	3
14	11	12	0	2	0	0	0	0	0	0	7	6	4
15	15	0	2	4	0	0	0	0	0	0	6	2	3
16	13	9	5	0	0	0	0	0	0	0	7	0	4
17	2	21	3	0	0	0	0	0	0	0	4	10	4
18	5	13	8	0	0	0	0	0	0	0	5	17	5
19	2	6	0	0	0	0	0	0	0	0	8	13	4
20	7	0	10	0	0	0	0	*	0	0	7	6	5
21	2	0	0	0	0	0	0	*	0	0	11	6	4
22	0	0	0	20	0	0	0	0	0	0	0	6	2
23	5	0	0	0	0	*	0	*	0	0	0	5	2
ALL	10	6	4	4	0	0	0	0	0	0	4	5	4

TABLE 39-7. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 10 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	22	0	0	0	0	0	*	0	0	6	11	5
01	0	13	25	0	0	0	0	0	0	0	0	5	4
02	13	21	0	0	0	0	0	0	0	0	12	7	8
03	13	35	5	0	0	0	0	0	0	0	12	11	11
04	14	24	0	0	0	0	0	0	0	0	10	5	8
05	18	26	6	11	0	0	0	0	0	0	13	14	12
06	15	30	16	0	0	0	0	0	0	0	10	17	13
07	21	18	16	8	0	0	0	0	0	0	12	9	11
08	16	22	24	0	0	0	0	0	0	0	10	9	9
09	12	25	14	3	0	0	0	0	0	0	11	17	8
10	16	19	2	0	0	0	0	0	0	0	10	11	6
11	17	21	0	0	0	0	0	0	0	0	9	13	6
12	10	17	4	0	0	0	0	0	0	0	9	10	5
13	4	16	2	0	0	0	0	0	0	0	6	9	3
14	15	18	2	0	0	0	0	0	0	0	10	6	5
15	10	6	0	0	0	0	0	0	0	0	3	2	2
16	13	17	3	0	0	0	0	0	0	0	14	4	5
17	12	21	3	0	0	0	0	0	0	0	8	7	5
18	18	14	4	0	0	0	0	0	0	0	5	0	5
19	11	19	0	0	0	0	0	0	0	0	8	3	6
20	11	24	0	0	0	0	0	*	0	0	11	9	8
21	11	19	5	0	0	0	0	*	0	0	14	9	10
22	6	20	0	20	0	0	0	0	0	0	6	11	7
23	0	14	0	0	0	*	0	*	0	0	10	20	8
ALL	12	20	4	1	0	0	0	0	0	0	9	9	7

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 39-5 THRU 39-7:

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	22	9	5	6	2	2	1	0	3	8	16	18	92
01	20	8	8	4	2	2	4	1	3	11	23	21	107
02	48	14	20	4	4	4	4	3	7	11	26	29	174
03	45	17	21	8	4	2	3	4	5	9	33	36	187
04	42	21	13	11	6	5	2	2	7	16	29	37	191
05	38	19	16	9	9	7	1	4	5	12	30	43	193
06	40	23	19	8	7	9	5	4	6	12	31	42	206
07	39	17	19	12	10	7	12	6	8	11	33	34	208
08	44	23	21	17	18	12	15	7	11	18	31	34	251
09	57	28	29	31	22	24	22	17	20	24	27	35	336
10	57	27	41	37	25	28	21	22	19	25	49	36	387
11	58	39	42	35	28	26	34	22	32	33	47	46	442
12	67	29	55	41	38	36	30	19	33	34	45	42	469
13	69	32	62	44	40	36	28	24	34	29	48	47	493
14	62	34	56	45	32	46	41	25	31	21	41	51	485
15	60	35	43	50	39	31	47	25	26	19	33	44	452
16	52	23	40	42	28	22	27	17	11	16	29	28	335
17	42	19	29	26	26	19	27	12	5	11	24	29	269
18	39	14	23	17	20	13	13	5	5	12	20	24	205
19	47	16	18	7	9	5	6	3	3	13	26	31	184
20	44	17	20	5	8	5	4	0	6	9	28	34	180
21	44	16	20	4	3	2	5	0	4	5	28	33	164
22	17	5	9	5	2	3	4	1	2	7	16	18	89
23	19	7	5	6	3	0	3	0	3	7	20	20	93
ALL	1072	492	634	474	385	346	359	223	289	373	733	812	6192

TABLE 39-8. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 15 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	27	50	67	100	*	0	*	*	100	60	57	50	50
01	46	33	50	0	0	*	0	*	*	33	27	45	37
02	32	14	20	0	50	100	100	0	100	40	43	31	33
03	26	14	43	100	100	*	*	0	0	50	23	38	31
04	38	29	0	80	0	0	*	*	67	43	36	44	40
05	40	56	25	50	33	50	*	*	*	0	39	47	40
06	33	36	33	33	0	0	*	0	0	50	35	33	30
07	53	33	43	33	0	0	0	0	50	67	57	36	44
08	26	50	20	50	0	0	0	50	0	67	33	38	33
09	29	38	31	17	0	0	0	33	33	25	46	24	26
10	17	20	15	9	22	17	0	100	0	0	33	33	19
11	25	27	13	18	11	0	42	0	0	10	47	25	23
12	12	0	28	22	45	30	29	14	38	19	32	22	23
13	23	41	39	19	31	0	0	0	25	19	23	33	25
14	27	36	30	72	11	33	22	14	11	30	44	31	33
15	32	42	31	39	18	10	20	18	0	0	47	23	27
16	38	44	17	42	13	43	25	0	0	71	38	40	34
17	41	14	0	50	0	0	17	20	67	75	40	27	29
18	50	38	21	50	0	20	20	0	0	0	46	8	28
19	33	40	43	25	*	100	0	50	*	80	17	58	41
20	38	20	17	50	100	0	50	*	50	67	25	33	36
21	33	14	11	0	*	100	0	*	50	33	18	35	27
22	36	0	50	0	0	100	50	*	*	33	20	38	31
23	33	33	75	50	*	*	0	*	0	50	11	45	36
ALL	32	32	28	37	19	20	20	15	23	34	35	34	31

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

TABLE 39-9. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	25	0	0	*	0	*	*	0	0	0	10	5
01	0	0	0	0	0	*	0	*	*	0	0	0	0
02	9	0	0	0	0	0	0	0	0	0	0	0	3
03	15	0	0	0	0	*	*	0	0	0	0	0	5
04	5	0	0	0	0	0	*	*	0	0	7	0	2
05	20	0	0	0	0	0	*	*	*	0	11	0	7
06	14	0	0	0	0	0	*	0	0	0	0	0	3
07	16	0	14	33	0	0	0	0	0	0	7	0	8
08	11	0	10	0	0	0	0	0	0	0	0	15	6
09	10	0	0	0	0	0	0	0	0	0	0	6	3
10	9	0	0	9	0	0	0	0	0	0	0	0	2
11	4	0	7	0	0	0	0	0	0	0	11	0	3
12	12	0	0	6	0	0	0	0	0	0	0	17	4
13	3	6	9	6	0	0	0	0	0	0	0	0	3
14	10	0	0	0	0	0	0	0	0	0	0	0	2
15	6	0	0	6	0	0	0	0	0	0	12	0	3
16	12	11	17	0	0	0	0	0	0	0	8	0	6
17	6	14	13	0	0	0	0	0	0	0	7	13	6
18	6	13	7	0	0	0	0	0	0	0	8	23	8
19	5	20	0	0	*	0	0	0	*	0	8	11	6
20	7	0	0	0	0	0	0	*	0	0	8	7	5
21	5	0	0	0	*	0	0	*	0	0	12	12	6
22	0	0	0	0	0	0	0	*	*	0	0	13	2
23	0	0	0	0	*	*	0	*	0	0	0	0	0
ALL	8	3	4	3	0	0	0	0	0	0	4	5	4

TABLE 39-10. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 15 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	0	0	0	*	0	*	*	0	0	0	10	2
01	0	0	0	0	0	*	0	*	*	0	0	9	2
02	0	29	0	0	0	0	0	0	0	0	7	0	4
03	11	29	0	0	0	*	*	0	0	0	8	0	8
04	10	0	0	0	0	0	*	*	0	0	14	0	5
05	15	0	0	0	0	0	*	*	*	0	6	6	6
06	14	18	0	0	0	0	*	0	0	0	6	6	8
07	11	0	0	0	0	0	0	0	0	0	0	0	3
08	11	0	10	0	0	0	0	0	0	0	8	8	6
09	0	25	6	0	0	0	0	0	0	0	8	6	4
10	4	10	8	0	0	0	0	0	0	0	6	8	4
11	4	7	0	0	0	0	0	0	0	0	5	5	3
12	8	0	0	0	0	0	0	0	0	0	11	6	3
13	0	0	0	0	0	0	0	0	0	0	5	0	1
14	10	0	0	0	0	0	0	0	0	0	0	0	2
15	3	0	0	0	0	0	0	0	0	0	0	5	1
16	0	11	0	0	0	0	0	0	0	0	8	0	2
17	12	0	0	0	0	0	0	0	0	0	7	0	3
18	6	13	0	0	0	0	0	0	0	0	0	0	2
19	10	20	0	0	*	0	0	0	*	0	8	5	6
20	17	0	0	0	0	0	0	*	0	0	8	0	7
21	0	0	11	0	*	0	0	*	0	0	6	6	4
22	0	0	0	0	0	0	0	*	*	0	10	13	4
23	0	0	0	0	*	*	0	*	0	0	0	9	2
ALL	7	7	2	0	0	0	0	0	0	0	6	4	3

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 39-8 THRU 39-10:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	11	4	3	2	0	1	0	0	1	4	7	10	43
01	13	3	2	1	1	0	1	0	0	3	11	11	46
02	22	7	5	3	2	1	1	2	1	5	14	12	75
03	27	7	7	2	1	0	0	1	2	4	13	16	80
04	21	7	4	5	1	1	0	0	3	7	14	17	80
05	20	9	8	4	3	2	0	0	0	3	18	17	84
06	21	11	9	3	2	3	0	3	3	2	17	18	92
07	19	6	7	3	2	2	1	1	2	3	14	11	71
08	19	10	10	4	5	2	2	4	2	6	12	13	89
09	21	8	16	6	5	3	8	3	6	8	13	17	114
10	23	10	13	11	9	6	6	1	5	8	18	12	122
11	24	15	15	11	9	5	12	7	5	10	19	20	152
12	26	9	18	18	11	10	7	7	8	16	19	18	167
13	31	17	22	16	13	11	4	5	8	16	22	18	183
14	29	14	20	18	9	12	9	7	9	10	18	25	180
15	31	12	16	17	11	10	15	11	5	7	16	22	173
16	25	9	12	12	8	7	4	6	3	7	13	15	121
17	17	7	8	8	7	6	6	5	3	4	15	15	101
18	16	8	14	4	6	5	5	1	2	3	12	13	89
19	21	5	7	4	0	1	3	2	0	5	12	19	79
20	29	5	6	2	2	2	2	0	2	6	12	15	83
21	21	7	9	1	0	1	1	0	2	3	17	17	79
22	11	2	4	3	1	1	2	0	0	3	10	8	45
23	9	3	4	2	0	0	1	0	1	4	8	11	43
ALL	507	195	239	160	108	92	90	66	73	147	344	370	2391

TABLE 39-11. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 20 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	25	*	100	100	*	*	*	*	*	*	75	75	56
01	60	100	0	0	*	*	*	*	*	*	25	100	53
02	40	0	*	*	*	*	*	*	100	0	50	25	39
03	50	33	0	100	100	*	*	*	0	50	0	0	28
04	63	33	0	0	0	*	*	*	100	0	50	33	40
05	67	33	0	*	50	100	*	*	*	*	38	43	43
06	40	33	0	50	*	*	*	*	*	0	44	29	33
07	44	50	50	100	*	*	0	*	0	*	38	50	44
08	29	0	0	100	*	*	0	*	*	67	38	40	30
09	33	25	50	0	0	0	*	*	0	0	57	25	33
10	30	20	17	0	0	0	0	*	0	0	71	0	24
11	27	33	20	100	0	*	100	0	*	33	40	40	31
12	25	0	29	20	50	50	*	50	50	25	50	50	34
13	33	67	43	29	0	0	0	0	100	0	50	20	32
14	15	67	29	86	0	75	0	0	100	50	63	29	44
15	25	100	67	63	0	*	0	50	0	0	43	29	40
16	30	0	0	50	0	33	0	0	*	60	57	100	38
17	67	0	0	100	0	*	50	*	100	100	75	33	52
18	60	100	50	100	0	0	0	*	*	0	67	14	41
19	63	*	50	0	*	*	0	100	*	100	25	43	48
20	64	50	0	50	100	0	0	*	*	0	0	0	40
21	33	33	0	0	*	*	*	*	0	0	25	0	19
22	43	*	50	*	*	*	100	*	*	50	100	50	53
23	0	*	100	*	*	*	*	*	*	50	25	100	47
ALL	39	38	31	51	20	38	17	29	50	31	46	36	38

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

TABLE 39-12. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	0	*	*	*	*	*	*	0	0	0
01	0	0	0	0	*	*	*	*	*	*	0	0	0
02	10	0	*	*	*	*	*	*	0	0	0	0	4
03	0	0	0	0	0	*	*	*	0	0	0	0	0
04	0	0	0	0	0	*	*	*	0	0	0	0	0
05	0	0	0	*	0	0	*	*	*	*	0	0	0
06	10	0	0	0	*	*	*	*	*	0	0	0	3
07	11	0	25	0	*	*	0	*	0	*	0	0	6
08	14	0	20	0	*	*	0	*	*	0	0	20	9
09	0	0	0	0	0	0	*	*	0	0	0	0	0
10	10	0	0	50	0	0	0	*	0	0	0	0	5
11	0	0	20	0	0	*	0	0	*	0	20	0	5
12	0	0	0	20	0	0	*	0	0	0	0	0	2
13	0	0	29	14	0	0	0	0	0	0	0	0	5
14	8	0	0	0	0	0	0	0	0	0	0	0	2
15	8	0	0	13	0	*	0	0	0	0	0	0	4
16	20	0	50	0	0	0	0	0	*	0	0	0	8
17	0	0	0	0	0	*	0	*	0	0	0	33	7
18	0	0	17	0	0	0	0	*	*	0	0	43	15
19	0	*	0	0	*	*	0	0	*	0	0	29	7
20	0	0	0	0	0	0	0	*	*	0	0	33	4
21	11	0	0	0	*	*	*	*	0	0	0	25	7
22	0	*	0	*	*	*	0	*	*	0	0	0	0
23	0	*	0	*	*	*	*	*	*	0	0	0	0
ALL	5	0	8	8	0	0	0	0	0	0	1	8	4

TABLE 39-13. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 20 KTS.

TIME(Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	0	*	*	*	*	*	*	0	0	0
01	0	0	0	0	*	*	*	*	*	*	0	0	0
02	0	0	*	*	*	*	*	*	0	0	0	0	0
03	0	0	0	0	0	*	*	*	0	0	0	0	0
04	0	0	0	0	0	*	*	*	0	0	0	0	0
05	0	0	0	*	0	0	*	*	*	*	0	0	0
06	0	0	0	0	*	*	*	*	*	0	0	0	0
07	11	0	0	0	*	*	0	*	0	*	0	0	3
08	14	0	0	0	*	*	0	*	*	0	0	0	3
09	0	0	0	0	0	0	*	*	0	0	0	0	0
10	0	20	0	0	0	0	0	*	0	0	0	0	2
11	0	0	0	0	0	*	0	0	*	0	20	0	2
12	0	0	0	0	0	0	*	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	*	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	*	0	0	0	0
17	0	0	0	0	0	*	0	*	0	0	0	0	0
18	0	0	0	0	0	0	0	*	*	0	0	0	0
19	0	*	0	0	*	*	0	0	*	0	0	14	4
20	9	0	0	0	0	0	0	*	*	0	0	0	4
21	0	0	25	0	*	*	*	*	0	0	0	25	7
22	0	*	0	*	*	*	0	*	*	0	0	0	0
23	0	*	0	*	*	*	*	*	*	0	0	0	0
ALL	1	2	1	0	0	0	0	0	0	0	1	2	1

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 39-11 THRU 39-13:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	8	0	1	1	0	0	0	0	0	0	4	4	18
01	5	1	1	1	0	0	0	0	0	0	4	3	15
02	10	1	0	0	0	0	0	0	1	1	6	4	23
03	8	3	2	1	1	0	0	0	1	2	5	6	29
04	8	3	2	1	1	0	0	0	1	2	6	6	30
05	6	3	3	0	2	1	0	0	0	0	8	7	30
06	10	3	4	2	0	0	0	0	0	1	9	7	36
07	9	2	4	1	0	0	1	0	1	0	8	6	32
08	7	3	5	1	0	0	1	0	0	3	8	5	33
09	6	4	8	2	1	1	0	0	1	2	7	4	36
10	10	5	6	2	1	1	1	0	1	4	7	3	41
11	11	6	5	1	3	0	1	2	0	3	5	5	42
12	12	3	7	5	4	2	0	2	2	4	6	6	53
13	15	3	6	7	2	2	1	2	2	4	6	5	55
14	12	6	7	7	1	4	1	2	1	2	8	7	58
15	12	3	6	7	2	0	3	4	1	2	7	7	54
16	10	2	2	2	2	3	2	1	0	5	7	3	39
17	6	1	1	2	3	0	2	0	1	1	4	6	27
18	5	1	6	1	1	1	1	0	0	1	3	7	27
19	8	0	2	1	0	0	2	1	0	2	4	7	27
20	11	2	1	2	1	1	1	0	0	1	2	3	25
21	9	3	4	1	0	0	0	0	1	1	4	4	27
22	7	0	2	0	0	0	1	0	0	2	1	2	15
23	4	0	2	0	0	0	0	0	0	2	4	3	15
ALL	209	58	87	48	25	16	18	14	14	45	133	120	787

TABLE 39-14. PERCENT FREQUENCY OF RAIN GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	100	*	*	*	*	*	*	*	100	100	71
01	67	*	*	0	*	*	*	*	*	*	100	100	67
02	50	0	*	*	*	*	*	*	*	*	25	33	30
03	75	0	*	*	100	*	*	*	*	*	0	0	33
04	67	100	0	*	*	*	*	*	*	*	33	25	42
05	50	0	0	*	*	100	*	*	*	*	50	*	42
06	0	0	0	*	*	*	*	*	*	*	33	0	11
07	67	*	0	*	*	*	0	*	0	*	67	100	50
08	25	0	0	*	*	*	*	*	*	*	0	0	10
09	25	100	0	*	*	*	*	*	*	*	67	33	38
10	0	*	33	0	*	*	*	*	*	0	100	0	29
11	33	50	0	*	*	*	*	0	*	*	50	67	42
12	0	*	100	0	*	*	*	*	*	0	60	*	33
13	40	100	100	0	*	*	*	*	*	0	50	0	40
14	0	100	0	100	*	*	0	*	*	*	100	*	50
15	0	100	100	100	*	*	0	*	*	*	67	*	50
16	25	0	*	*	*	100	*	*	*	*	100	100	60
17	50	*	*	100	*	*	*	*	*	100	100	100	86
18	100	*	100	100	*	0	0	*	*	*	100	0	63
19	50	*	50	0	*	*	*	100	*	100	50	50	55
20	67	0	*	100	100	0	*	*	*	*	*	0	50
21	33	100	0	*	*	*	*	*	*	*	100	0	31
22	50	*	50	*	*	*	100	*	*	0	100	*	57
23	0	*	*	*	*	*	*	*	*	*	33	100	33
ALL	35	47	30	45	100	50	20	50	0	25	60	39	43

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

TABLE 39-15. PERCENT FREQUENCY OF SNOW GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	*	*	*	*	*	*	*	0	0	0
01	0	*	*	0	*	*	*	*	*	*	0	0	0
02	0	0	*	*	*	*	*	*	*	*	0	0	0
03	0	0	*	*	0	*	*	*	*	*	0	0	0
04	0	0	0	*	*	*	*	*	*	*	0	0	0
05	0	0	0	*	*	0	*	*	*	*	0	*	0
06	0	0	0	*	*	*	*	*	*	*	0	0	0
07	0	*	50	*	*	*	0	*	0	*	0	0	8
08	0	0	0	*	*	*	*	*	*	*	0	50	10
09	0	0	0	*	*	*	*	*	*	*	0	0	0
10	0	*	0	100	*	*	*	*	*	0	0	0	7
11	0	0	0	*	*	*	*	0	*	*	0	0	0
12	0	*	0	0	*	*	*	*	*	0	0	*	0
13	0	0	0	0	*	*	*	*	*	0	0	0	0
14	0	0	0	0	*	*	0	*	*	*	0	*	0
15	33	0	0	0	*	*	0	*	*	*	0	*	10
16	25	0	*	*	*	0	*	*	*	*	0	0	10
17	0	*	*	0	*	*	*	*	*	0	0	0	0
18	0	*	0	0	*	0	0	*	*	*	0	0	0
19	0	*	0	0	*	*	*	0	*	0	0	50	9
20	0	0	*	0	0	0	*	*	*	*	*	0	0
21	17	0	0	*	*	*	*	*	*	*	0	0	8
22	0	*	0	*	*	*	0	*	*	0	0	*	0
23	0	*	*	*	*	*	*	*	*	*	0	0	0
ALL	4	0	4	9	0	0	0	0	0	0	0	6	3

TABLE 39-16. PERCENT FREQUENCY OF TEMPERATURE LTE 0 C GIVEN CROSSWINDS GTE 25 KTS.

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	0	*	0	*	*	*	*	*	*	*	0	0	0
01	0	*	*	0	*	*	*	*	*	*	0	0	0
02	0	0	*	*	*	*	*	*	*	*	0	0	0
03	0	0	*	*	0	*	*	*	*	*	0	0	0
04	0	0	0	*	*	*	*	*	*	*	0	0	0
05	0	0	0	*	*	0	*	*	*	*	0	*	0
06	0	0	0	*	*	*	*	*	*	*	0	0	0
07	33	*	0	*	*	*	0	*	0	*	0	0	8
08	0	0	0	*	*	*	*	*	*	*	0	0	0
09	0	0	0	*	*	*	*	*	*	*	0	0	0
10	0	*	0	0	*	*	*	*	*	0	0	0	0
11	0	0	0	*	*	*	*	0	*	*	0	0	0
12	0	*	0	0	*	*	*	*	*	0	0	*	0
13	0	0	0	0	*	*	*	*	*	0	0	0	0
14	0	0	0	0	*	*	0	*	*	*	0	*	0
15	0	0	0	0	*	*	0	*	*	*	0	*	0
16	0	0	*	*	*	0	*	*	*	*	0	0	0
17	0	*	*	0	*	*	*	*	*	0	0	0	0
18	0	*	0	0	*	0	0	*	*	*	0	0	0
19	0	*	0	0	*	*	*	0	*	0	0	50	9
20	0	0	*	0	0	0	*	*	*	*	*	0	0
21	0	0	33	*	*	*	*	*	*	*	0	0	8
22	0	*	0	*	*	*	0	*	*	0	0	*	0
23	0	*	*	*	*	*	*	*	*	*	0	0	0
ALL	1	0	4	0	0	0	0	0	0	0	0	3	1

STATION: ZWEIBRUECKEN AB, FRG WMO #: 107140 RUNWAY HEADING: 030-210

NUMBER OF CASES USED IN THE CALCULATIONS FOR TABLES 39-14 THRU 39-16:

TIME (Z)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	2	0	1	0	0	0	0	0	0	0	3	1	7
01	3	0	0	1	0	0	0	0	0	0	1	1	6
02	2	1	0	0	0	0	0	0	0	0	4	3	10
03	4	1	0	0	1	0	0	0	0	0	3	3	12
04	3	1	1	0	0	0	0	0	0	0	3	4	12
05	2	1	2	0	0	1	0	0	0	0	6	0	12
06	2	1	1	0	0	0	0	0	0	0	3	2	9
07	3	0	2	0	0	0	1	0	1	0	3	2	12
08	4	1	2	0	0	0	0	0	0	0	1	2	10
09	4	1	2	0	0	0	0	0	0	0	3	3	13
10	3	0	3	1	0	0	0	0	0	3	3	1	14
11	3	2	1	0	0	0	0	1	0	0	2	3	12
12	4	0	1	1	0	0	0	0	0	1	5	0	12
13	5	1	1	2	0	0	0	0	0	1	4	1	15
14	2	1	1	1	0	0	1	0	0	0	3	0	9
15	3	1	1	1	0	0	1	0	0	0	3	0	10
16	4	1	0	0	0	1	0	0	0	0	2	2	10
17	2	0	0	1	0	0	0	0	0	1	2	1	7
18	1	0	1	1	0	1	1	0	0	0	2	1	8
19	2	0	2	1	0	0	0	1	0	1	2	2	11
20	3	1	0	1	1	1	0	0	0	0	0	1	8
21	6	1	3	0	0	0	0	0	0	0	1	2	13
22	2	0	2	0	0	0	1	0	0	1	1	0	7
23	2	0	0	0	0	0	0	0	0	0	3	1	6
ALL	71	15	27	11	2	4	5	2	1	8	63	36	245

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